

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Accokeek Creek	
TMDL Group ID:		00816	
VAN-A29R_ACC01A00	Accokeek Creek	STAFFORD CO	Segment begins at the confluence with an unnamed tributary to Accokeek Creek, approximately 0.33 rivermile downstream from Route One at rivermile 8.62, and continues downstream until the end of the free-flowing waters.
VA Overall AU Category: 5A	Impairment	4.20 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	00816	2004 2016 Sufficient exceedances of the instantaneous pH criterion (2 of 19 samples - 10.5%) were recorded at DEQ's ambient water quality monitoring station (1AACC006.13) at the Route 608 bridge to assess this stream segment as not supporting of the aquatic life use for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Group ID:		00817	
VAN-A29R_ACC01A00	Accokeek Creek	STAFFORD CO	Segment begins at the confluence with an unnamed tributary to Accokeek Creek, approximately 0.33 rivermile downstream from Route One at rivermile 8.62, and continues downstream until the end of the free-flowing waters.
VA Overall AU Category: 5A	Impairment	4.20 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00817	2006 2014 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 9 samples - 33.3%) were recorded at DEQ's ambient water quality monitoring station (1AACC006.13) at the Route 608 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.
Sources: Source Unknown			
TMDL Watershed Name:		Accotink Creek	
TMDL Group ID:		00313	
VAN-A15R_ACO01A00	Accotink Creek	FAIRFAX CO	Segment begins at the confluence with Calamo Branch and continues downstream until the tidal waters of Accotink Bay.
VA Overall AU Category: 5A	Impairment	8.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00313	1998 2010
Sources: Source Unknown			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Accotink Creek	
TMDL Group ID:		01784	
VAN-A15R_ACO01A00	Accotink Creek	FAIRFAX CO	Segment begins at the confluence with Calamo Branch and continues downstream until the tidal waters of Accotink Bay.
VA Overall AU Category: 5A	Impairment	8.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01784	2004 2016 Although the data obtained during the 2006 assessment window shows exceedances of the instantaneous fecal coliform bacteria criterion (1 of 16 samples - 6.2%) is categorized as fully supporting, no additional data has been collected from the DEQ's ambient water quality monitoring station (1AAC0006.10) at Route 790 since the previous assessment window, when the stream reach was first listed as impaired. The segment shall remain categorized as impaired.
Sources: Source Unknown			
TMDL Group ID:		60150	
VAN-A15R_ACO04A02	Accotink Creek	FAIRFAX CITY FAIRFAX CO	Segment begins at the confluence with Daniels Run, in the City of Fairfax, and continues downstream until the confluence with Bear Branch.
VA Overall AU Category: 5A	Impairment	1.19 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60150	2004 2014 Sufficient exceedances of the instantaneous E.coli bacteria criterion (13 of 13 samples - 100%) were recorded at USGS monitoring station 01653900 to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.
Sources: Source Unknown			
TMDL Watershed Name:		Aquia Creek	
TMDL Group ID:		00811	
VAN-A27R_AUA01A00	Aquia Creek	STAFFORD CO	Segment begins at the confluence with Cannon Creek, approximately 0.1 rivermile downstream from Route 610, and continues downstream until Smith Lake (Aquia Reservoir).
VA Overall AU Category: 5A	Impairment	6.59 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00811	2006 2016 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 10 samples - 30.0%) were recorded at DEQ's ambient water quality monitoring station (1AAUA014.51) at the Route 641 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
Recreation	Fecal Coliform	00811	2004 2016 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (4 of 18 samples - 22.2%) were recorded at DEQ's ambient water quality monitoring station (1AAUA014.51) at the Route 641 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Aquia Creek		
TMDL Group ID:	00811		
TMDL Group ID:	00812		
<b>VAN-A28E_AUA01B00</b>	<b>Aquia Creek</b>	STAFFORD CO	Segment extends from rivermile 4.28 to rivermile 3.28 in Aquia Creek encompassing a 0.5-mile radius around station 1AAUA003.71. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.37 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Chloride		00812 2004 2016 For the 2004 assessment, more than two chloride exceedances were recorded within a three-year period resulting in an assessment of not supporting the aquatic life use goal. While the data within the 2006 assessment period show only one exceedance at DEQ ambient station 1AAUA003.71, the impairment remains because no new data has been collected since the last assessment period. This segment is considered transition zone tidal waters. The Water Quality Standards stipulate that the more stringent of either the freshwater or saltwater criteria apply. Therefore, these waters are listed as impaired. However, a TMDL is not necessary as the chloride levels are attributable to the natural estuarine conditions.
Wildlife	Chloride	Sources: Natural Sources	00812 2004 2016 For the 2004 assessment, more than two chloride exceedances were recorded within a three-year period resulting in an assessment of not supporting the aquatic life use goal. While the data within the 2006 assessment period show only one exceedance at DEQ ambient station 1AAUA003.71, the impairment remains because no new data has been collected since the last assessment period. This segment is considered transition zone tidal waters. The Water Quality Standards stipulate that the more stringent of either the freshwater or saltwater criteria apply. Therefore, these waters are listed as impaired. However, a TMDL is not necessary as the chloride levels are attributable to the natural estuarine conditions.
		Sources: Natural Sources	
TMDL Watershed Name:	Austin Creek		
TMDL Group ID:	00813		
<b>VAN-A28R_AUS01A04</b>	<b>Austin Run</b>	STAFFORD CO	Segment begins at the confluence with an unnamed tributary to Austin Run (streamcode XGQ) and continues downstream until the confluence with Aquia Creek.
VA Overall AU Category: <b>5A</b>	Impairment	0.81 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform		00813 2004 2016 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 8 samples - 37.5%) were recorded at DEQ's ambient water quality monitoring station (1AAUS000.17) at the end of Aquia Drive to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
		Sources: Source Unknown	

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Babbs Run		
TMDL Group ID:	01596		
VAV-B07R_BAB01A00	Babbs Run	FREDERICK CO	Babbs Run from the headwaters downstream to its confluence with Back Creek.
VA Overall AU Category: 5A	Impairment	14.44 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	01596	2004 2016
Sources: Source Unknown			
TMDL Watershed Name:	Back Creek		
TMDL Group ID:	01612		
VAV-B31R_BCK01A00	Back Creek	AUGUSTA CO	Back Creek from the headwaters downstream to its confluence with South River.
VA Overall AU Category: 5A	Impairment	13.36 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01612	2002 2014
Sources: Source Unknown			
TMDL Watershed Name:	Backlick Run		
TMDL Group ID:	00307		
VAN-A13R_BAL01A00	Backlick Run	ALEXANDRIA CITY FAIRFAX CO	Segment begins at the headwaters of Backlick Run, approximately 0.74 rivermile upstream from Route 620, and continues downstream until the confluence with Holmes Run.
VA Overall AU Category: 5A	Impairment	6.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00307	2002 2010
Sources: Source Unknown			
Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (4 of 13 samples - 30.8%) were recorded at DEQ's ambient water quality monitoring station (1ABAL001.40) at the Route 401 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
<b>VAN-A30E_DEE01A00</b>	<b>Deep Creek</b>	PRINCE GEORGE CO	The segment boundaries were described in the VDH Notice and Description of Shellfish Area Condemnation Number 36, Upper Machodoc Creek, Section E, effective 05/08/00, which is no longer effective. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	01775 <b>2006</b> <b>2010</b>	
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	01775 <b>2006</b> <b>2010</b>	
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A30E_GAM01A02</b>	<b>Gambo Creek</b>	KING GEORGE CO	The Gambo Creek portion of the condemned area described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section A, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.16 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	01775 <b>2006</b> <b>2010</b>	
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
<b>VAN-A30E_UMC01A02</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section E, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
<b>VAN-A30E_UMC01B06</b>	<b>Upper Machodoc Creek</b>	KING GEORGE CO	The Upper Machodoc Creek portion of the condemned area described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section A, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	01775	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Deep-Water Aquatic Life	<b>Oxygen, Dissolved</b>	01775	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	01775	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAN-A30E_UMC02A04	Upper Machodoc Creek	PRINCE GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section B, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>			
Use	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Deep-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)



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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAN-A30E_UMC03A04	Upper Machodoc Creek	PRINCE GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section M1, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>			
Use	Impairment	0.11 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Deep-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
<b>VAN-A30E_UMC04A06</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	Segment includes the main body of tidal Upper Machodoc Creek not included in segment VAN-A30E_UMC04B06 or the segments described in VDH Shellfish Area Condemnation Number 001A-36. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.91 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	01775	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Deep-Water Aquatic Life	<b>Oxygen, Dissolved</b>	01775	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	01775	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
<b>VAN-A30E_UMC04B06</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	Segment includes the portion of Upper Machodoc Creek beginning upstream at the downstream boundary of shellfish condemnation area D and continuing until the confluence with Deep Creek. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	01775 <b>2006</b> <b>2010</b>	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	01775 <b>2006</b> <b>2010</b>	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A30E_UMC05A02</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section D, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	01775 <b>2006</b> <b>2010</b>	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

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<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775	20062010
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAN-A30E_WLL01A02	Williams Creek	KING GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section C, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: Use	5A	Impairment	0.13 SQUARE MILES
Aquatic Life	Oxygen, Dissolved	01775	20022010
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Source Unknown Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775	20022010
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

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<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAN-A30E_WLL02A02	Williams Creek	KING GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section F, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2002 2010 Although the data obtained during the 2006 assessment window show exceedances of the instantaneous dissolved oxygen criterion (0 of 7 samples - 0.00%), at station 1AWLL001.30, and (1 of 10 - 10.0%), at station 1AWLL002.21, to be categorized as fully supporting, no data has been collected from the DEQ's ambient water quality monitoring stations since the previous assessment window. The segment shall remain categorized as impaired.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Source Unknown Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2002 2010
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A31E_BRG01A04	Bridges Creek	WESTMORELAND CO	Tidal limit to mouth
			POTMH
VA Overall AU Category: 5A	Impairment	0.19 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02
		Sources: Agriculture Atmospheric Deposition - Nitrogen	The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.

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<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
VAP-A31E_GLD01A00	Goldman Creek	WESTMORELAND CO	Described in previous condemnation notice 088A .  POTMH
VA Overall AU Category: Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Bay Segment POTMH	
TMDL Group ID:		01775	
Sources: Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A31E_MAO01A98	Mattox Creek	WESTMORELAND CO	Described in the condemnation notice 002-001B, 11/15/2004.  Segment expanded in 2006 cycle.  POTMH
VA Overall AU Category: 5A	Impairment	0.63 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A31E_MAO02A00	Mattox Creek	WESTMORELAND CO	Downstream of VDH-DSS condemnation area 001E, 11/15/04. Segment shortened in 2006 cycle POTMH
VA Overall AU Category: 5A	Impairment	0.53 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A31E_MAO03A04	Mattox Creek	WESTMORELAND CO	As described in VDH Condemnation 002-001E, 11/15/04 Prohibited zone POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Bay Segment POTMH			
TMDL Group ID:		01775			
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006	2010	VAP-A31E-02
		Sources: Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
		The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A31E_MON01A00	Monroe Creek	WESTMORELAND CO			Prohibited area around STP outfall as described in VDH shellfish condemnation 002-001D 11/15/2004
POTMH					
VA Overall AU Category: Use	5A	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)
Aquatic Life	Oxygen, Dissolved	01775	2006	2010	VAP-A31E-02
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Bay Segment POTMH			
TMDL Group ID:		01775			
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006	2010	VAP-A31E-02
		The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A31E_MON02A98	Monroe Creek	WESTMORELAND CO	Described in VDH condemnation notice 002-001A, 11/15/2004		
		Expanded in 2006 cycle.			
		POTMH			
VA Overall AU Category: Use	5A	Impairment	0.48 SQUARE MILES	TMDL Group ID	First Listed on 303(d)
Aquatic Life	Oxygen, Dissolved	01775	2006	2010	VAP-A31E-02
		The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006	2010	VAP-A31E-02
		The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAP-A31E_MON03A98</b>	<b>Monroe Bay</b>	<b>WESTMORELAND CO</b>	Described in VDH condemnation notice 002-001 M1, 11/15/2004  Size reduced in 2006 cycle  POTMH
VA Overall AU Category: <b>5A</b>	Impairment	0.28 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	01775 <b>2006</b> <b>2010</b>	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	01775 <b>2006</b> <b>2010</b>	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
<b>VAP-A31E_MON04A00</b>	<b>Monroe Bay</b>	<b>WESTMORELAND CO</b>	Downstream of VDS-DSS condemnation area 001M1, 11/15/04  POTMH
VA Overall AU Category: <b>5A</b>	Impairment	0.52 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	01775 <b>2006</b> <b>2010</b>	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A31E_MON05A04	Monroe Creek	WESTMORELAND CO	Described in VDH Condemnation 001C, 11/15/2004  POTMH
VA Overall AU Category: 5A	Impairment	0.00 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A31E_POP01A98	Popes Creek	WESTMORELAND CO	Described in condemnation notice.
VA Overall AU Category: 5A	Impairment	0.41 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A31E_ROS01A98	Rosier Creek	WESTMORELAND CO	Described in VDH condemnation notice 088A, 9/22/2004. Segment expanded in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A31E_ROS02A00	Rosier Creek	WESTMORELAND CO	From the downstream limit of segment ROS01A98 to its mouth at the Potomac River.  Size reduced in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A31E_ZZZ01A00	Unsegmented estuaries in A31	WESTMORELAND CO	Unsegmented portion of watershed.  POTMH
VA Overall AU Category: 5A	Impairment	0.23 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A32E_BAN01A00	Barnes Creek	WESTMORELAND CO	Downstream of the tidal limit. POTMH
VA Overall AU Category: 5A	Impairment	0.06 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
Sources: Agriculture Atmospheric Deposition - Nitrogen			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A32E_BRA01A98	Branson Cove	WESTMORELAND CO	Described in the condemnation notice 083C, 12/18/02  POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A32E_BUB01A04	Buckner Creek	WESTMORELAND CO	As described in VDH Condemnation 082B, 7/14/04  POTMH  Segment shortened in 2006
VA Overall AU Category: 5A	Impairment	0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A32E_BUB02A06	Buckner Creek	WESTMORELAND CO	Downstream of condemnation 004-082B, 7/14/04  POTMH
VA Overall AU Category: 5A	Impairment	0.29 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A32E_CAP01A04	Cabin Point Creek	WESTMORELAND CO	As described in the condemnation notice 165, 4/27/1989  POTMH
VA Overall AU Category: 5A	Impairment	0.12 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A32E_CHB01A98	Cold Harbor Bay	WESTMORELAND CO	Described in the condemnation notice 004-184A, 8/23/04.  POTMH
VA Overall AU Category: 5A	Impairment	0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A32E_CHB02A06	Cold Harbor Creek	WESTMORELAND CO	Described in VDH condemnation 004-184M1, 8/23/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A32E_CUR01A98	Currioman Creek	WESTMORELAND CO	Described in the condemnation notice 004-184B, 8/23/2004.
			Square mileage adjusted in 2006.
			POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A32E_CUR02A00	Currioman Bay	WESTMORELAND CO	Downstream of Currioman Creek.  POTMH
VA Overall AU Category: 5A	Impairment	0.72 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge			

# List of Impaired (Category 5) Waters in 2006

Assessment  
Unit ID

Waterbody Name

City / County\*

Assessment Unit Description

## Potomac and Shenandoah River Basins

TMDL Watershed Name:

Bay Segment POTMH

TMDL Group ID:

01775

Sources: Internal Nutrient Recycling  
Loss of Riparian Habitat  
Municipal Point Source Discharges  
Sources Outside State Jurisdiction or Borders  
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-A32E\_GLB01A00

Glebe and Ames Creeks

WESTMORELAND CO

Downstream of tidal limit.

POTMH

Mileage adjusted in 2006

VA Overall AU Category: **5A**  
Use

Impairment

0.24 SQUARE MILES

TMDL Group ID

First Listed on 303(d)

TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01775

2006

2010

VAP-A31E-02

The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.

Sources: Agriculture  
Atmospheric Deposition - Nitrogen  
Industrial Point Source Discharge  
Internal Nutrient Recycling  
Loss of Riparian Habitat  
Municipal Point Source Discharges  
Sources Outside State Jurisdiction or Borders  
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic  
Life

Oxygen, Dissolved

01775

2006

2010

VAP-A31E-02

The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.

Sources: Agriculture  
Atmospheric Deposition - Nitrogen  
Industrial Point Source Discharge  
Internal Nutrient Recycling  
Loss of Riparian Habitat  
Municipal Point Source Discharges  
Sources Outside State Jurisdiction or Borders  
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A32E_LOW01A04	Lower Machodoc Creek	WESTMORELAND CO	As described in VDH condemnation notice 083A, 12/18/2002.  Listed in 1998. Mileage adjusted in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.51 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2004 2010 VAP-A31E-02 & 2004 fact sheet VAP-A32E-08  In 2004, the segment was also considered not supporting of the Aquatic Life Use due to dissolved oxygen violations at 1ALOW004.73 in 2004. The DO TMDL was due in 2016. The DO standard for the Chesapeake Bay tidal waters has been changed and the impairment is now incorporated by the POTMH-wide impairment for dissolved oxygen in 2006 (VAP-A31E-02).  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2004 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A32E_LOW02A00	Lower Machodoc Creek	WESTMORELAND CO	Boundary of condemned area 083A, 12/18/2002 downstream to start of deep water use at approx. rivermile 0.5.  POTMH  Mileage adjusted in 2006
VA Overall AU Category: 5A	Impairment	1.91 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A32E_LOW03A06	Lower Machodoc Creek	WESTMORELAND CO	Start of Deep Water Use at approximately rivermile 0.5 to mouth  POTMH
VA Overall AU Category: 5A	Impairment	1.18 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Deep-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  In addition, isolated areas of the tributaries are classified as deep water or deep channel. These areas also failed their applicable dissolved oxygen criteria in 2006.
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A32E_NOM01A04	Nomini Creek	WESTMORELAND CO	As described in VDH Shellfish Condemnation 082A, 7/14/2004.  Extended from 1998 and now incorporates the previous Pierce Creek condemnations.  POTMH
VA Overall AU Category: 5A	Impairment	0.53 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A32E_NOM02A00	Nomini Creek	WESTMORELAND CO	Downstream condemnation boundary to the start of the deepwater use at approximately river mile 1.  In 2006, segment was merged with VAP-A32E_NOM03A00 and the downstream boundary adjusted slightly to reconcile with the deepwater boundary.  POTMH
VA Overall AU Category: Use	5A		
Aquatic Life	Impairment <b>Oxygen, Dissolved</b>	2.51 SQUARE MILES TMDL Group ID 01775 First Listed on 303(d) <b>2006</b> TMDL Schedule <b>2010</b>	Impairment Specific Comments and/or Impairment Specific VA Category VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	01775 <b>2006</b> <b>2010</b>	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A32E_NOM04A00	Nomini Creek	WESTMORELAND CO	Downstream of deepwater use boundary at approx. river mile 1.0.
			POTMH
VA Overall AU Category: 5A	Impairment	2.52 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2002 2010 VAP-A31E-02 and VAP-A32E-07
			The segment was initially assessed as not supporting of the Aquatic Life use support goal in 2002 because of a dissolved oxygen violation rate of 2/5 at 1ANOM000.50. A depth profile consisting of 5 samples was taken 8/29/1996. The deepest two samples violated the standard. During the 2006 cycle, the DO standard in the Chesapeake Bay and its tidal tributaries was converted to a segment-wide standard. The deepwater dissolved oxygen standards in the mesohaline Potomac both violated in 2006. This deepwater impairment is now included as part of VAP-A31E-02.
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Deep-Water Aquatic Life	Oxygen, Dissolved	01775	2002 2010 VAP-A31E-02
			Isolated areas of the Potomac mesohaline tributaries are classified as deep water or deep channel. These areas failed their applicable dissolved oxygen criteria in 2006.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2002 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A32E_NOP01A02	North Prong Buckner Creek	WESTMORELAND CO	Described in the condemnation notice 004-082C, 7/14/2004.  POTMH  Mileage adjusted in 2006  Mileage adjusted in 2006
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Aquatic Life	Oxygen, Dissolved	01775	2006
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
			Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006
			2010
			VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
			Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A32E_WEA01A00	Weatherall Creek	WESTMORELAND CO	Downstream of condemnation 083B, 12/18/2002
			POTMH
VA Overall AU Category: 5A			
Use	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A32E_WEA02A04	Weatherall Creek	WESTMORELAND CO	As described in VDH Shellfish condemnation 083B, 12/18/2002.
			POTMH
VA Overall AU Category: 5A			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
VAP-A32E_ZZZ01A00	Unsegmented estuaries in A32	WESTMORELAND CO	Unsegmented portion of watershed.  POTMH
VA Overall AU Category: 5A	Impairment	0.25 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat		



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAP-A33E_BOM01A98</b>	<b>Bonum Creek</b>	<b>WESTMORELAND CO</b>	Described in the condemnation notice 006-159, 7/2/2002.  Square mileage was changed in 2006 condemnation, although the area remained the same.  POTMH
VA Overall AU Category: <b>5A</b>	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Bay Segment POTMH	
TMDL Group ID:		01775	
VAP-A33E_DRM01A06	Drum Cove	NORTHUMBERLAND CO	Described in 007-028D, 07/21/2004
			POTMH
			Segment shortened in 2006
			POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A33E_DUA01A04	Dungan Cove	NORTHUMBERLAND CO	As described in VDH Shellfish Condemnation 007-028G, 7/14/2006  Mileage adjusted slightly in 2006 although area did not change.  POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A33E_DUA02A00	Dungan Cove	NORTHUMBERLAND CO	Downstream of condemnation notice 028G, 7/14/2004  POTMH
VA Overall AU Category: 5A	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Bay Segment POTMH	
TMDL Group ID:		01775	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006
		2010	VAP-A31E-02
Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A33E_GAD01A98	Gardner Creek	WESTMORELAND CO	Described in the condemnation notice 143, 7/2/2002.
Size adjusted in 2006 cycle			
POTMH			
VA Overall AU Category: Use	5A	Impairment	0.13 SQUARE MILES
Aquatic Life	Oxygen, Dissolved	01775	2006
		2010	VAP-A31E-02
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006
		2010	VAP-A31E-02
Sources: Agriculture			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A33E_GAD02A00	Gardner Creek	WESTMORELAND CO	Downstream of Segment VAP-A33E_GAD01A98. POTMH
VA Overall AU Category: 5A	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A33E_HAM01A02	Hampton Hall Branch, Kinsale Branch	NORTHUMBERLAND CO WESTMORELAND CO	Described in the condemnation notice 007-028C, 7/21/2004. Segment expanded and incorporated the segment VAP-A33E_KIS01A00 in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A33E_JCK01A98	Jackson Creek	WESTMORELAND CO	Described in the condemnation notice 144, 7/2/2002  POTMH  Square mileage adjusted in 2006, although area did not change
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A33E_LOG01A98	Lodge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 007-028H, 7/14/2004.
			POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description		
Potomac and Shenandoah River Basins							
TMDL Watershed Name:		Bay Segment POTMH					
TMDL Group ID:		01775					
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006	2010	VAP-A31E-02		
		The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.					
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
VAP-A33E_LOG02A98	Lodge Creek	NORTHUMBERLAND CO			Described in the condemnation notice 007-028F, 7/21/2004.		
					Expanded in 2004 and incorporated previous 2002 LOG03A00 segment. Sq. mileage adjusted in 2006, although area has not changed.		
					POMTH		
VA Overall AU Category: Use	5A	Impairment	0.25 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life		Oxygen, Dissolved		01775	2006	2010	VAP-A31E-02
		The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.					
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006	2010	VAP-A31E-02	The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.	
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders					



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A33E_MIA01A98	Mill Creek	NORTHUMBERLAND CO	Described in the condemnation notice 07/21/2004. Segment expanded in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.15 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle. Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle. Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A33E_MIA02A02	Mill Creek	NORTHUMBERLAND CO	Mill Creek from MIA01A98 to the mouth.  Segment shortened in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.15 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A33E_RAG01A06	Ragged Point Bay	NORTHUMBERLAND CO WESTMORELAND CO	Described in VDH-DSS condemnation 006-M208, 4/13/1989  POTMH
VA Overall AU Category: 5A	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
VAP-A33E_SHA01A98	Shannon Branch	WESTMORELAND CO	Described in the condemnation notice 007-028A, 07/21/2004.  POTMH
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A33E_SHA02A00	Shannon Branch	WESTMORELAND CO	Downstream of SHA01A98. POTMH
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A33E_SHA03A06	Shannon Branch	WESTMORELAND CO	Described in VDH-DSS condemnation 007-028M1, 07/21/2004  POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A33E_SOV01A02	South Yeocomico River	NORTHUMBERLAND CO	South Yeocomico River except Dungan Cove  Sq. mileage adjusted in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.83 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
VAP-A33E_SOV02A06	South Yeocomico River	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 007-028M4, 7/21/2004  POTMH
VA Overall AU Category: 5A	Impairment	0.11 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A33E_WES01A06	West Yeocomico River	WESTMORELAND CO	Described in VDH-DSS condemnation 007-028M3, 07/21/2006  POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A33E_WES02A06	West Yeocomico River	NORTHUMBERLAND CO WESTMORELAND CO	Downstream of condemnations  POTMH
VA Overall AU Category: 5A	Impairment	0.38 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A33E_WHP01A98	White Point Creek	WESTMORELAND CO	Described in the condemnation notice 007-028B, 07/21/2004.  Size adjusted in 2006 cycle.  POTMH
VA Overall AU Category: 5A	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A33E_WHP02A00	White Point Creek	WESTMORELAND CO	Downstream of segment WHP01A98.  Segment shortened in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A33E_WHP03A06	NW Yeocomico (White Point Creek/Shannon Branch)	WESTMORELAND CO	Described in VDH-DSS condemnation 007-028M2, 07/21/2004 POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A33E_YEO01A02	Yeocomico River and Tributaries	NORTHUMBERLAND CO WESTMORELAND CO	Yeocomico River  POTMH
VA Overall AU Category: 5A	Impairment	1.84 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  In addition, a portion of the Yeocomico was classified as deep water. The deepwater Potomac mesohaline areas also failed their applicable dissolved oxygen criteria in 2006.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Deep-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  In addition, a portion of the Yeocomico was classified as deep water. The deepwater Potomac mesohaline areas also failed their applicable dissolved oxygen criteria in 2006.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

# List of Impaired (Category 5) Waters in 2006

Assessment  
Unit ID

Waterbody Name

City / County\*

Assessment Unit Description

## Potomac and Shenandoah River Basins

TMDL Watershed Name:

Bay Segment POTMH

TMDL Group ID:

01775

Sources: Loss of Riparian Habitat  
Municipal Point Source Discharges  
Sources Outside State Jurisdiction or Borders  
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-A33E\_ZZZ01A00

Unsegmented estuaries in A33

NORTHUMBERLAND CO  
WESTMORELAND CO

Unsegmented portion of the watershed.

POTMH

VA Overall AU Category: **5A**  
Use

Impairment

0.73 SQUARE MILES

TMDL Group ID

First Listed on 303(d)

TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01775

2006

2010

VAP-A31E-02

The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.

Sources: Agriculture  
Atmospheric Deposition - Nitrogen  
Industrial Point Source Discharge  
Internal Nutrient Recycling  
Loss of Riparian Habitat  
Municipal Point Source Discharges  
Sources Outside State Jurisdiction or Borders  
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic  
Life

Oxygen, Dissolved

01775

2006

2010

VAP-A31E-02

The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.

Sources: Agriculture  
Atmospheric Deposition - Nitrogen  
Industrial Point Source Discharge  
Internal Nutrient Recycling  
Loss of Riparian Habitat  
Municipal Point Source Discharges  
Sources Outside State Jurisdiction or Borders  
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A34E_BOT01A04	Boathouse Creek	NORTHUMBERLAND CO	As described in VDH Shellfish Condemnation 008-214F, 12/29/2003  POTMH
VA Overall AU Category: 5A	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A34E_BRD01A98	Bridgeman Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-142A, 12/22/2004.  Sq. mileage adjusted in 2006 although area did not change  POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Bay Segment POTMH	
TMDL Group ID:		01775	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006
		2010	VAP-A31E-02
Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A34E_COA01A02	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 11/27/2002, not otherwise segmented.
Size adjusted in 2006			
POTMH			
VA Overall AU Category: Use	5A	Impairment	0.02 SQUARE MILES
Aquatic Life	Oxygen, Dissolved	01775	2006
		2010	VAP-A31E-02
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.			
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006
		2010	VAP-A31E-02
Sources: Agriculture			

# List of Impaired (Category 5) Waters in 2006

Assessment  
Unit ID

Waterbody Name

City / County\*

Assessment Unit Description

## Potomac and Shenandoah River Basins

TMDL Watershed Name:

Bay Segment POTMH

TMDL Group ID:

01775

Sources: Atmospheric Deposition - Nitrogen  
Industrial Point Source Discharge  
Internal Nutrient Recycling  
Loss of Riparian Habitat  
Municipal Point Source Discharges  
Sources Outside State Jurisdiction or Borders  
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-A34E\_COA01A06

Coan River

NORTHUMBERLAND CO

Described in SFC 008-214E, 12/29/2003 not otherwise segmented.

POTMH

VA Overall AU Category: 5A  
Use

Impairment

0.06 SQUARE MILES

TMDL Group ID

First Listed on 303(d)

TMDL Schedule

Impairment Specific Comments and/or Impairment Specific VA Category

Aquatic Life

Oxygen, Dissolved

01775

2006

2010

VAP-A31E-02

The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.

Sources: Agriculture  
Atmospheric Deposition - Nitrogen  
Industrial Point Source Discharge  
Internal Nutrient Recycling  
Loss of Riparian Habitat  
Municipal Point Source Discharges  
Sources Outside State Jurisdiction or Borders  
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic  
Life

Oxygen, Dissolved

01775

2006

2010

VAP-A31E-02

The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.

Sources: Agriculture  
Atmospheric Deposition - Nitrogen  
Industrial Point Source Discharge  
Internal Nutrient Recycling  
Loss of Riparian Habitat  
Municipal Point Source Discharges  
Sources Outside State Jurisdiction or Borders  
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A34E_COA01A98	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145I, 2/25/1997, not otherwise segmented.  POTMH
VA Overall AU Category: 5A	Impairment	0.33 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A34E_COA02A02	Coan River	NORTHUMBERLAND CO	From SFC 008-214E, 12/29/2003 to its mouth at the Potomac, excluding otherwise segmented waterbodies.  Segment adjusted in 2006 cycle.  POTMH
VA Overall AU Category: 5A	Impairment	2.65 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
		Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A34E_COC01A98	Cod Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-141A, 12/22/04.  Segment extended in 2006 into 2004 segment VAP-A34E_COC02A04, which was deleted.  POTMH
VA Overall AU Category: 5A	Impairment	0.10 SQUARE MILES	
Use		TMDL Group ID	First Listed on 303(d)
Aquatic Life	Oxygen, Dissolved	01775	2006 2010
			VAP-A31E-02
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:	Bay Segment POTMH				
TMDL Group ID:	01775				
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006	2010	VAP-A31E-02
	The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.				
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
VAP-A34E_COC01B02	Cod Creek	NORTHUMBERLAND CO			Described in the condemnation notice 009-141B, 12/22/2004
					POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Use					Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved		01775	2006	2010
	VAP-A31E-02				
	The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.				
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	Oxygen, Dissolved		01775	2006	2010
	VAP-A31E-02				
	The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.				
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A34E_CUT01A98	Cubitt Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-168, 4/27/1989  POTMH.
VA Overall AU Category: 5A	Impairment	0.23 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A34E_FTN01A06	Fountain Cove	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 009-142B, 12/22/2004  POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
VAP-A34E_GLB01A04	The Glebe	NORTHUMBERLAND CO	VDH-DSS notice 145C, 11/27/2002 boundary upstream to VDDH-DSS notice 145D, 2/25/1997 boundary  POTMH
VA Overall AU Category: 5A	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Bay Segment POTMH	
TMDL Group ID:		01775	
Sources: Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A34E_GLB01A98	The Glebe	NORTHUMBERLAND CO	Described in the condemnation notice 145D, 2/25/1997.  POTMH
VA Overall AU Category: 5D	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A34E_GLB02A00	The Glebe	NORTHUMBERLAND CO	VDH-DSS condemnation 008-213B, 12/29/2003 not otherwise segmented Size extended in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.26 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Bay Segment POTMH	
TMDL Group ID:		01775	
VAP-A34E_GLB03A00	The Glebe	NORTHUMBERLAND CO	Downstream of VDH-DSS SFC 008-213B, 12/2/2003 to its mouth at the Coan River.  Size reduced in 2006 due to upstream condemnations  POTMH
VA Overall AU Category: 5A	Impairment	0.40 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A34E_GLB04A04	The Glebe	NORTHUMBERLAND CO	Described in the VDH-DSS Shellfish Condemnation 145A, 11/27/2002  POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A34E_HAC01A00	Hack Creek	NORTHUMBERLAND CO	Tidal limit to mouth at Potomac River.  POTMH
VA Overall AU Category: 5A	Impairment	0.21 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A34E_HEA01A98	Headly Cove	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 2/25/1997.  POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A34E_HUL01A02	Hull Creek	NORTHUMBERLAND CO	Hull Creek, excluding Spring Cove, as described in condemnation notice 009-142 12/22/2004.  Size expanded in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.35 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A34E_KIN01A00	Kingscote Creek	NORTHUMBERLAND CO	Tidal limit to the Coan River.  POTMH
VA Overall AU Category: 5A	Impairment	0.29 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
VAP-A34E_KIN02A06	Kingscote Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 008-213M1, 12/29/03  POTMH
VA Overall AU Category: 5A	Impairment 0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A34E_KIN03A06	Kingscote Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 008-213M2, 12/29/2003  POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Aquatic Life	Oxygen, Dissolved	01775	2006
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
			Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006
			2010
			VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
			Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A34E_KIN04A06	Kingscote Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 008-213A, 12/29/2003  POTMH
VA Overall AU Category: 5A	Impairment	0.06 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAP-A34E_KNC01A98	Killneck Creek	NORTHUMBERLAND CO	Described in the condemnation notice 8-214B, 12/29/2003.  POTMH
VA Overall AU Category: 5D	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
VAP-A34E_KNC01B06	Killneck Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 8-214A, 12/29/2003  POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Bay Segment POTMH	
TMDL Group ID:		01775	
Sources: Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A34E_MII01A06	Mill Creek	NORTHUMBERLAND CO	Tidal limit to mouth at Coan River
POTMH			
VA Overall AU Category: Use	5A	Impairment	0.10 SQUARE MILES
Aquatic Life	Oxygen, Dissolved	01775	2006
		2010	VAP-A31E-02
		The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006
		2010	VAP-A31E-02
		The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A34E_PRE01A98	Presley Creek	NORTHUMBERLAND CO	Described in the condemnation notice 140, 4/27/1989  Sq. mileage adjusted during 2006 cycle, though area did not change  POTMH
VA Overall AU Category: 5A	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A34E_ROG01A98	Rogers Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-142D, 12/22/2004.  Sq. mileage adjusted in 2006, although area did not change  POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
		Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A34E_SPN01A04	Spring Cove	NORTHUMBERLAND CO	Tidal limit to mouth at Hull Creek
			Portion of VDH-DSS condemnation 009-142C, 12/22/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description		
Potomac and Shenandoah River Basins							
TMDL Watershed Name:		Bay Segment POTMH					
TMDL Group ID:		01775					
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006	2010	VAP-A31E-02		
		The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.					
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
VAP-A34E_WRS01A04	Wrights Cove	NORTHUMBERLAND CO			Described in VDH-DSS Shellfish Condemnation 145B, 11/27/2002		
		POTMH					
VA Overall AU Category: Use	5A	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life		Oxygen, Dissolved		01775	2006	2010	VAP-A31E-02
						The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.	
						Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life		Oxygen, Dissolved		01775	2006	2010	VAP-A31E-02
						The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.	
						Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
VAP-A34E_XFI01A98	Stevens Point	NORTHUMBERLAND CO	Described in the condemnation notice 8-214C, 12/29/2003  Sq. mileage adjusted in 2006  POTMH
VA Overall AU Category: 5D	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02
Aquatic Life			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
VAP-A34E_XFJ01A98	Coan River, UT	NORTHUMBERLAND CO	Described in the condemnation notice 008-214D, 12/29/2003.  POTMH  Size increased during 2004 cycle (0.02 to 0.05 sq. mi)
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Oxygen, Dissolved	01775	2006 2010 VAP-A31E-02
Aquatic Life			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
	Sources:	Agriculture	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	01775		
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A34E_ZZZ01A00	Unsegmented estuaries in A34	NORTHUMBERLAND CO	Unsegmented portion of the watershed.  POTMH
VA Overall AU Category: 5A	Impairment 2.51 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	Oxygen, Dissolved	01775 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria during the 2006 cycle.
Sources: Agriculture Atmospheric Deposition - Nitrogen			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name: Bay Segment POTMH			
TMDL Group ID: 01775			
Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
TMDL Group ID: 60126			
VAN-A30E_DEE01A00	Deep Creek	PRINCE GEORGE CO	The segment boundaries were described in the VDH Notice and Description of Shellfish Area Condemnation Number 36, Upper Machodoc Creek, Section E, effective 05/08/00, which is no longer effective. Portion of CBP segment POTMH.
VA Overall AU Category: 5A	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	60126 2006 2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60126 2006 2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	60126		
<b>VAN-A30E_GAM01A02</b>	<b>Gambo Creek</b>	<b>KING GEORGE CO</b>	The Gambo Creek portion of the condemned area described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section A, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.16 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60126	<b>2006 2010</b>
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60126	<b>2006 2010</b>
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
<b>VAN-A30E_UMC01A02</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section E, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60126	<b>2006 2010</b>
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	60126		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60126 2006 2010	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
			Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
VAN-A30E_UMC01B06	Upper Machodoc Creek	KING GEORGE CO	The Upper Machodoc Creek portion of the condemned area described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section A, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: Use	5A Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	60126 2006 2010	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60126 2006 2010	Sources: Agriculture

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	60126	Sources: Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A30E_UMC02A04</b>	<b>Upper Machodoc Creek</b>	<b>PRINCE GEORGE CO</b>	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section B, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60126	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60126	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	60126		
<b>VAN-A30E_UMC03A04</b>	<b>Upper Machodoc Creek</b>	PRINCE GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section M1, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.11 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60126	<b>2006 2010</b>
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60126	<b>2006 2010</b>
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
<b>VAN-A30E_UMC04A06</b>	<b>Upper Machodoc Creek</b>	KING GEORGE CO	Segment includes the main body of tidal Upper Machodoc Creek not included in segment VAN-A30E_UMC04B06 or the segments described in VDH Shellfish Area Condemnation Number 001A-36. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.91 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60126	<b>2006 2010</b>
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	60126		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60126 2006 2010	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
			Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
<b>VAN-A30E_UMC04B06</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	Segment includes the portion of Upper Machodoc Creek beginning upstream at the downstream boundary of shellfish condemnation area D and continuing until the confluence with Deep Creek. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Aquatic Plants (Macrophytes)	60126 2006 2010	
			Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60126 2006 2010	
			Sources: Agriculture

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	60126	Sources: Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A30E_UMC05A02</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section D, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60126	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60126	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	60126		
<b>VAN-A30E_WLL01A02</b>	<b>Williams Creek</b>	<b>KING GEORGE CO</b>	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section C, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60126 <b>2006</b> <b>2010</b>	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60126 <b>2006</b> <b>2010</b>	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
<b>VAN-A30E_WLL02A02</b>	<b>Williams Creek</b>	<b>KING GEORGE CO</b>	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section F, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60126 <b>2006</b> <b>2010</b>	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTMH		
TMDL Group ID:	60126		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60126 2006 2010	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
			Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
<b>Bay Segment POTOH</b>			
TMDL Watershed Name:	Bay Segment POTOH		
TMDL Group ID:	60123		
VAN-A26E_CHO01A04	Chopawamsic Creek	PRINCE WILLIAM CO STAFFORD CO	Segment includes all of the Chopawamsic Creek embayment downstream until the state line at the confluence with the Potomac River. Portion of CBP segment POTOH.
VA Overall AU Category: 5A	Impairment	0.61 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	60123 2006 2010	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	60123 2006 2010	Sources: Agriculture

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTOH		
TMDL Group ID:	60123	Sources: Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A26E_CHO01B06</b>	<b>Chopawamsic Creek</b>	<b>PRINCE WILLIAM CO STAFFORD CO</b>	Segment includes all Chopawamsic Creek tidal waters not included in other delineated segments. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.38 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	60123 <b>2006</b> <b>2010</b>	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	60123 <b>2006</b> <b>2010</b>	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
<b>VAN-A26E_CHO02A00</b>	<b>Chopawamsic Creek</b>	<b>PRINCE WILLIAM CO STAFFORD CO</b>	Segment extends from approximately 0.5 rivermile upstream, until the end of the tidal waters, until 0.5 rivermile downstream of monitoring station 1ACH0003.65. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.12 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	60123 <b>2006</b> <b>2010</b>	Sources: Agriculture Atmospheric Deposition - Nitrogen

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTOH		
TMDL Group ID:	60123		
Open-Water Aquatic Life	Oxygen, Dissolved	60123 2006 2010	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
			Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
<b>VAN-A28E_AUA01A06</b>	<b>Aquia Creek</b>	<b>STAFFORD CO</b>	Segment extends to a 0.5 mile radius around the ACB station 1AAUA-SCSHORE-ALL. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.42 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	60123 2006 2010	
			Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	Oxygen, Dissolved	60123 2006 2010	
			Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTOH		
TMDL Group ID:	60123		
<b>VAN-A28E_AUA01B00</b>	<b>Aquia Creek</b>	<b>STAFFORD CO</b>	Segment extends from rivermile 4.28 to rivermile 3.28 in Aquia Creek encompassing a 0.5-mile radius around station 1AAUA003.71. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.37 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	60123 2006 2010	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	60123 2006 2010	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A28E_AUA01C06</b>	<b>Aquia Creek</b>	<b>STAFFORD CO</b>	Segment extends from approximately rivermile 6.70 and continues downstream until approximately rivermile 4.19. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.58 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	60123 2006 2010	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*		Assessment Unit Description	
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Bay Segment POTOH			
TMDL Group ID:		60123			
Open-Water Aquatic Life	Oxygen, Dissolved	60123	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
VAN-A28E_AUA02A04		Aquia Creek	STAFFORD CO		Segment begins at the upstream limit of the tidal waters of Aquia Creek and continues downstream until the confluence with Austin Run. Portion of CBP segment POTOH.
VA Overall AU Category: 5A	Impairment	0.24 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Use					Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	60123	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
Open-Water Aquatic Life	Oxygen, Dissolved	60123	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTOH		
TMDL Group ID:	60123		
<b>VAN-A28E_AUA20A02</b>	<b>Aquia Creek</b>	<b>STAFFORD CO</b>	Segment includes all tidal waters of Aquia Creek not included in another segment. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	2.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	60123 <b>2006</b> <b>2010</b>	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	60123 <b>2006</b> <b>2010</b>	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A29E_ACC01A00</b>	<b>Accokeek Creek</b>	<b>STAFFORD CO</b>	Segment includes the tidal waters of Accokeek Creek; beginning approximately 0.35 rivermile upstream from the start of the Accokeek Creek arm of Potomac Creek. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.37 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	60123 <b>2006</b> <b>2010</b>	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Bay Segment POTOH			
TMDL Group ID:		60123			
Open-Water Aquatic Life	Oxygen, Dissolved	60123	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
VAN-A29E_POM01A04	Potomac Creek	KING GEORGE CO STAFFORD CO		Segment extends to a half-mile radius around station 1APOM000.59. Portion of CBP segment POTOH.	
VA Overall AU Category: Use	5A	Impairment	0.44 SQUARE MILES	TMDL Group ID	First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	60123	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
Open-Water Aquatic Life	Oxygen, Dissolved	60123	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Bay Segment POTOH		
TMDL Group ID:	60123		
VAN-A29E_POM01B06	Potomac Creek	KING GEORGE CO STAFFORD CO	Segment extends from rivermile 1.91 until rivermile 1.09 along Potomac Creek and includes the lower portion of the Accokeek Creek arm of Potomac Creek, approximately 0.35 rivermile upstream. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Aquatic Life	Impairment	0.67 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	Oxygen, Dissolved	60123	2006 2010
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	Oxygen, Dissolved	60123	2006 2010
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAN-A29E_POM02A02	Potomac Creek	KING GEORGE CO STAFFORD CO	Segment extends a half-mile radius around monitoring station 1APOM002.41. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Aquatic Life	Impairment	0.60 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	Oxygen, Dissolved	60123	2006 2010
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:	Bay Segment POTOH				
TMDL Group ID:	60123				
Open-Water Aquatic Life	Oxygen, Dissolved	60123	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
VAN-A29E_POM20A04	Potomac Creek	KING GEORGE CO STAFFORD CO		Segment includes all tidal waters of Potomac Creek not included in other segments; beginning at the upstream limit of the tidal waters and continuing downstream until the confluence with the Potomac River at the state line. Portion of CBP segment POTOH.	
VA Overall AU Category: Use	5A	Impairment	0.84 SQUARE MILES	TMDL Group ID	First Listed on 303(d)
Aquatic Life	Oxygen, Dissolved	60123	2006	2010	TMDL Schedule
Impairment Specific Comments and/or Impairment Specific VA Category					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
Open-Water Aquatic Life	Oxygen, Dissolved	60123	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTOH		
TMDL Group ID:	60123		
<b>VAN-A29E_POT01A06</b>	<b>Fairview Beach/ Potomac River</b>	<b>KING GEORGE CO</b>	Segment includes all of Fairview Beach on the Potomac River. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	60123 <b>2006</b> <b>2010</b>	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Open-Water Aquatic Life	<b>Oxygen, Dissolved</b>	60123 <b>2006</b> <b>2010</b>	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A29E_POT20A06</b>	<b>Potomac River</b>	<b>KING GEORGE CO</b>	Segment includes all tidal embayments of the Potomac River located in Virginia, but not included in other segments. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Oxygen, Dissolved</b>	60123 <b>2006</b> <b>2010</b>	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Bay Segment POTOH			
TMDL Group ID:		60123			
Open-Water Aquatic Life	Oxygen, Dissolved	60123	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
TMDL Group ID:		60125			
VAN-A26E_POT20A02	Quantico Creek/Powells Creek	PRINCE WILLIAM CO STAFFORD CO	Segment includes all tidal waters in watershed not included in other delineated stream segments. Portion of CBP segment POTTf.		
VA Overall AU Category:	5A	Impairment	1.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)
Use				TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	60125	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60125	2006	2010	
Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTOH		
TMDL Group ID:	60125		
TMDL Watershed Name:	Bay Segment POTTF		
TMDL Group ID:	60124		
<b>VAN-A12E_FOU01A00</b>	<b>Fourmile Run</b>	<b>ALEXANDRIA CITY ARLINGTON CO</b>	Segment includes the tidal waters of Fourmile Run; from rivermile 1.46 downstream until the confluence with the Potomac River, at the state line. Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTf		
TMDL Group ID:	60124		
<b>VAN-A13E_HFF01A06</b>	<b>Hooff Run</b>	<b>ALEXANDRIA CITY</b>	Segment contains the tidal portion of Hooff Run; begins at the Alexandria National Cemetery and continues downstream until the confluence with Hunting Creek. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
<b>VAN-A13E_HUT01A02</b>	<b>Hunting Creek/Potomac River/Belle Haven</b>	<b>ALEXANDRIA CITY FAIRFAX CO</b>	Segment includes all tidal waters of Hunting Creek; beginning at the Route 241 (Telegraph Road) bridge crossing and continuing downstream until the confluence with the Potomac River, to include the embayment. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	1.36 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTF		
TMDL Group ID:	60124		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60124 2006 2010	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
			Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
<b>VAN-A14E_DOU01A00</b>	<b>Dogue Creek</b>	<b>FAIRFAX CO</b>	Segment includes all tidal waters of Dogue Creek, extending from approximately rivermile 2.1 until the confluence with the Potomac River. Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	0.74 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Aquatic Plants (Macrophytes)	60124 2006 2010	
			Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60124 2006 2010	
			Sources: Agriculture Atmospheric Deposition - Nitrogen

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTF		
TMDL Group ID:	60124	Sources: Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A14E_LIF01A00</b>	<b>Little Hunting Creek</b>	<b>FAIRFAX CO</b>	Segment includes all tidal waters of Little Hunting Creek, extending from approximately rivermile 1.7 downstream until the confluence with the Potomac River. Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	0.25 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTF		
TMDL Group ID:	60124		
<b>VAN-A15E_ACO01A06</b>	<b>Accotink Bay</b>	<b>FAIRFAX CO</b>	Segment includes tidal waters of Accotink Creek until the confluence with the tidal waters of Pohick Bay/ Gunston Cove. Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	0.35 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006</b> <b>2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006</b> <b>2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A15E_POH01A00</b>	<b>Gunston Cove</b>	<b>FAIRFAX CO</b>	Segment extends from rivermile 1.31 in Gunston Cove until the confluence with the Potomac River. Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	1.51 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006</b> <b>2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTf		
TMDL Group ID:	60124		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	Sources: Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	60124      2006      2010
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A15E_POH02A00</b>	<b>Pohick Bay</b>	<b>FAIRFAX CO</b>	Segment includes tidal waters of Pohick Creek, from the boundary of watershed A15, and extends until rivermile 1.31 in Gunston Cove. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	0.61 SQUARE MILES	TMDL Group ID   First Listed on 303(d)   TMDL Schedule   Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Aquatic Plants (Macrophytes)	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	60124      2006      2010
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTf		
TMDL Group ID:	60124	Sources: Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A16E_POH01A06</b>	<b>Pohick Bay</b>	<b>FAIRFAX CO</b>	Segment includes tidal waters of Pohick Creek upstream from the boundary of watershed A16. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	0.29 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTf		
TMDL Group ID:	60124		
<b>VAN-A25E_NEA01A00</b>	<b>Neabsco Bay</b>	<b>PRINCE WILLIAM CO</b>	Segment includes the tidal waters of Neabsco Bay downstream until the confluence with Occoquan Bay. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	0.80 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006</b> <b>2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006</b> <b>2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A25E_NEA20A02</b>	<b>Neabsco Creek</b>	<b>PRINCE WILLIAM CO</b>	Segment begins at the upstream limit of the tidal waters on Neabsco Creek and continues downstream until the start of the open waters of Neabsco Bay, approximately 0.5 rivermile upstream from monitoring station 1ANEA000.57. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	0.23 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006</b> <b>2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTF		
TMDL Group ID:	60124		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60124 2006 2010	
	Sources: Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
VAN-A25E_OCC01A04	Occoquan Bay	FAIRFAX CO PRINCE WILLIAM CO	Segment extends 0.5 mile around the Coastal 2000 monitoring station 1A0CC000.06. The downstream limit is the state line at the Potomac River. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A Impairment	0.48 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	60124 2006 2010	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60124 2006 2010	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments		



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTF		
TMDL Group ID:	60124	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A25E_OCC02A00</b>	<b>Occoquan Bay</b>	FAIRFAX CO PRINCE WILLIAM CO	Segment extends 0.5 mile around the around the monitoring station 1A0CC002.47. Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	0.59 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006</b> <b>2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006</b> <b>2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTF		
TMDL Group ID:	60124		
<b>VAN-A25E_OCC03A04</b>	<b>Belmont Bay (Occoquan River)</b>	<b>FAIRFAX CO</b>	Segment extends 0.5 mile around Coastal 2000 monitoring station 1AOCC002.62. Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	0.39 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A25E_OCC04A02</b>	<b>Belmont Bay</b>	<b>FAIRFAX CO</b>	Segment extends 0.5 mile around the monitoring station 1AOCC-766-ALL (coordinates 38.647, -77.195). Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	0.42 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTf		
TMDL Group ID:	60124		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	Sources: Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	60124      2006      2010
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A25E_OCC05A02</b>	<b>Occoquan River</b>	<b>FAIRFAX CO PRINCE WILLIAM CO</b>	Segment extends from 0.5 rivermile upstream until 0.5 rivermile downstream of monitoring station 1A0CC006.71. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	0.05 SQUARE MILES	TMDL Group ID   First Listed on 303(d)   TMDL Schedule   Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	60124      2006      2010	
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60124      2006      2010	
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTf		
TMDL Group ID:	60124	Sources: Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A25E_OCC20A02</b>	<b>Occoquan Bay/Belmont Bay</b>	<b>FAIRFAX CO PRINCE WILLIAM CO</b>	Segment includes all waters of the Occoquan and Belmont Bays not included in other delineated segments. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	5.39 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006 2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTf		
TMDL Group ID:	60124		
<b>VAN-A25E_POT20A02</b>	<b>Occoquan Bay/Belmont Bay</b>	FAIRFAX CO PRINCE WILLIAM CO	Segment includes all tidal waters in watershed not included in other delineated stream segments. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	0.24 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124 2006 2010	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124 2006 2010	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A26E_POW01A02</b>	<b>Powells Creek</b>	PRINCE WILLIAM CO	Segment extends to a 0.5 mile radius around the ACB station 1APOW-865-ALL. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	0.23 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124 2006 2010	
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTf		
TMDL Group ID:	60124		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60124	2006 2010
Sources: Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAN-A26E_POW02A02	Powells Creek	PRINCE WILLIAM CO	Segment extends to a 0.5 mile radius around the ACB station 1APOW-765-ALL. Portion of CBP segment POTTf.
VA Overall AU Category: 5A	Impairment	0.40 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	60124	2006 2010
Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60124	2006 2010
Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTF		
TMDL Group ID:	60124	Sources: Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
<b>VAN-A26E_QUA01A04</b>	<b>Quantico Creek</b>	<b>PRINCE WILLIAM CO</b>	Segment extends to a 0.5-mile radius around station 1AQUA001.09. Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006</b> <b>2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	<b>Aquatic Plants (Macrophytes)</b>	60124	<b>2006</b> <b>2010</b>
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bay Segment POTTf		
TMDL Group ID:	60124		
VAN-A26E_QUA02A06	Quantico Creek	PRINCE WILLIAM CO	Segment extends to a 0.5 mile radius around station 1AQUA002.15. Portion of CBP segment POTTf.
VA Overall AU Category: 5A	Impairment	0.28 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	60124	2006 2010
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	60124	2006 2010
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Beaverdam Creek		
TMDL Group ID:	60007		
VAN-A07R_BEC02A04	Beaverdam Creek	LOUDOUN CO	Segment begins at the confluence with an unnamed tributary to Beaverdam Creek, just upstream from Route 626, and continues downstream until the confluence of with Dog Branch.
VA Overall AU Category: 5A	Impairment	1.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60007	2006 2018 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 3 samples - 100%) were recorded at DEQ's ambient water quality monitoring station (1ABEC011.19) at the Route 626 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		
Recreation	Fecal Coliform	60007	2006 2018 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (2 of 12 samples - 16.7%) were recorded at DEQ's ambient water quality monitoring station (1ABEC011.19) at the Route 626 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		
TMDL Watershed Name:	Beaverdam Creek, North Fork		
TMDL Group ID:	60008		
VAN-A07R_NOB02A04	North Fork Beaverdam Creek	LOUDOUN CO	Segment begins at the confluence with Butchers Branch and continues downstream until the confluence with an unnamed tributary to North Fork Beaverdam Creek, at rivermile 3.12.
VA Overall AU Category: 5A	Impairment	2.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60008	2006 2018 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 3 samples - 100%) were recorded at DEQ's ambient water quality monitoring station (1ANOB005.49) at the Route 719 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		
Recreation	Fecal Coliform	60008	2006 2018 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (4 of 12 samples - 33.3%) were recorded at DEQ's ambient water quality monitoring station (1ANOB005.49) at the Route 719 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Belmont Bay (Occoquan River)		
TMDL Group ID:	60067		
VAN-A25E_OCC03A04	Belmont Bay (Occoquan River)	FAIRFAX CO	Segment extends 0.5 mile around Coastal 2000 monitoring station 1AOCC002.62. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	0.39 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Estuarine Bioassessments	60067	2006 2018 Based on the Coastal 2000 weight of evidence analysis, utilizing bulk chemical data, toxicity test data, and an evaluation of benthic community conditions. Conclusions noted that some possibilities for benthic alteration could be a result of nutrient enrichment, habitat condition, habitat type, or a high energy environment. However, toxic contaminants are an unlikely cause of the stressed community. The low diversity of benthic faunal taxa suggest organic/nutrient enrichment, but bottom dissolved oxygen at the time of sampling was not depressed (10.5 mg/L). Note that sediment total organic carbon was very low (<0.2%) and that the sample was almost all sand (83.3%). It is possible that toxics were present nearby, but the sediment sample collected did not indicate any contamination problem.
Sources: Source Unknown			
TMDL Watershed Name:	Big Run		
TMDL Group ID:	50236		
VAV-B38R_BIG01A00	Big Run	PAGE CO	Big Run from the headwaters downstream to its confluence with South Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	5.41 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Escherichia coli	50236	2006 2018 Newly listed for bacteria in 2006.
Sources: Non-Point Source Wildlife Other than Waterfowl			
TMDL Watershed Name:	Boathouse Creek		
TMDL Group ID:	00930		
VAP-A34E_BOT01A04	Boathouse Creek	NORTHUMBERLAND CO	As described in VDH Shellfish Condemnation 008-214F, 12/29/2003  POTMH
VA Overall AU Category: 5A	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00930	2004 2016 VAP-A34E-25  VDH-DSS Condemnation 008-214F, 12/29/2003
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bolling Branch		
TMDL Group ID:	60003		
VAN-A04R_BOL01A04	Bolling Branch	FAUQUIER CO	Segment begins at the confluence with an unnamed tributary to Bolling Branch, just upstream from Route 723, and continues downstream until the confluence with Goose Creek.
VA Overall AU Category: 5A	Impairment	3.27 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60003	2006 2018 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 3 samples - 100%) were recorded at DEQ's ambient water quality monitoring station (1ABOL002.56) at Justice Lane to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
		Sources: Source Unknown	
Recreation	Fecal Coliform	60003	2006 2018 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (4 of 11 samples - 36.4%) were recorded at DEQ's ambient water quality monitoring station (1ABOL002.56) at Justice Lane to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
		Sources: Source Unknown	
TMDL Watershed Name:	Bonum Creek		
TMDL Group ID:	00919		
VAP-A33E_BOM01A98	Bonum Creek	WESTMORELAND CO	Described in the condemnation notice 006-159, 7/2/2002.
			Square mileage was changed in 2006 condemnation, although the area remained the same.
			POTMH
VA Overall AU Category: 5A	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00919	1998 2010 VAP-A33E-03
			VDH Shellfish condemnation 159, 7/2/2002
			Mileage was adjusted in 2006, although the area remained the same
		Sources: Source Unknown	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Boone Run		
TMDL Group ID:	01619		
VAV-B35R_BON01A00	Boone Run	ROCKINGHAM CO	Boone Run and tributary from the headwaters downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	13.07 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	01619 2002 2014	
	Sources: Non-Point Source Wildlife Other than Waterfowl		
<b>Borden Marsh Run</b>			
TMDL Watershed Name:	Borden Marsh Run		
TMDL Group ID:	50240		
VAV-B55R_BMR01A00	Borden Marsh Run	CLARKE CO WARREN CO	Borden Marsh Run and tributaries from the headwaters downstream to its confluence with the Shenandoah River.
VA Overall AU Category: 5A	Impairment	9.50 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	50240 2006 2018	Newly listed for bacteria in 2006.
	Sources: Non-Point Source		
<b>Branson Cove</b>			
TMDL Watershed Name:	Branson Cove		
TMDL Group ID:	00909		
VAP-A32E_BRA01A98	Branson Cove	WESTMORELAND CO	Described in the condemnation notice 083C, 12/18/02 POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Shellfishing	Fecal Coliform	00909 1998 2010	VAP-A32E-09
	Sources: Source Unknown		VDH-DSS Shellfish Condemnation 083C, 12/18/2002

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bridge Creek		
TMDL Group ID:	10062		
VAP-A34E_BRI02C98	Bridge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 010-105D, 9/15/2004 Sq. mileage adjusted in 2006, although area did not change CB5MH
VA Overall AU Category: 5D	Impairment	0.09 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	10062	2006
			2003
			Impairment Specific Comments and/or Impairment Specific VA Category
			Category 4A
			VAP-A34E-18
			VDH-DSS Condemnation Notice 010-105D, 9/15/2004
			The segment was delisted in 2004 because the area was reopened for harvest, but was closed in the 9/15/2004 condemnation, so is considered impaired in the 2006 cycle. However, the segment received a fecal coliform allocation in the "Little Wicomico River Watershed TMDL for Three Shellfish Areas Listed Due to Bacteria Contamination" report which was approved by EPA on 12/18/2003. Therefore it will be considered Cat. 4A for shellfish consumption.
Sources: Non-Point Source			
TMDL Group ID:	10063		
VAP-A34E_BRI01C98	Bridge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 010-105C, 9/15/2004. CB5MH
VA Overall AU Category: 5A	Impairment	0.09 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	10063	2006
			2018
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-17
			VDH-DSS Condemnation Notice 010-105C, 9/15/2004
			The segment was delisted in 2004 because the area was reopened for harvest, but was closed in the 9/15/2004 condemnation, so is considered impaired in the 2006 cycle.
Sources: Non-Point Source			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bridgeman Creek		
TMDL Group ID:	00931		
VAP-A34E_BRD01A98	Bridgeman Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-142A, 12/22/2004. Sq. mileage adjusted in 2006 although area did not change POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00931	1998 2010 VAP-A34E-10 VDH-DSS condemnation 009-142A, 12/22/2004 Sq. mileage adjusted in 2006 although area did not change.
Sources: Source Unknown			
TMDL Watershed Name:	Bridges Creek		
TMDL Group ID:	00868		
VAP-A31E_BRG01A04	Bridges Creek	WESTMORELAND CO	Tidal limit to mouth POTMH
VA Overall AU Category: 5A	Impairment	0.19 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00868	2004 2016 VAP-A31E-11 Bridges Creek was assessed as not supporting of the Recreation Use support goal during the 2004 cycle based on a fecal coliform violation rate of 2/2 at 01660860, a USGS station. There was no additional monitoring during the 2006 cycle.
Sources: Source Unknown			
TMDL Watershed Name:	Briery Branch		
TMDL Group ID:	01604		
VAV-B18R_BRY02A00	Briery Branch	ROCKINGHAM CO	Briery Branch from its confluence with Hone Quarry Run downstream to its confluence with Beaver Creek.
VA Overall AU Category: 5C	Impairment	5.99 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	pH	01604	2002 2014
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Briery Branch		
TMDL Group ID:	01604		
VAV-B18R_BRY03A00	Briery Branch	AUGUSTA CO ROCKINGHAM CO	Briery Branch from the headwaters downstream to its confluence with Hone Quarry Run.
VA Overall AU Category: 5C	Impairment	6.99 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01604 2002 2016	
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Group ID:	01606		
VAV-B18R_BRY01A02	Briery Branch	ROCKINGHAM CO	Briery Branch from its confluence with Beaver Creek downstream to its confluence with North River.
VA Overall AU Category: 5A	Impairment	1.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01606 2004 2016	
Sources: Non-Point Source Wildlife Other than Waterfowl			
TMDL Watershed Name:	Broad Run		
TMDL Group ID:	00225		
VAN-A19R_BRU02A00	Broad Run	MANASSAS CITY PRINCE WILLIAM CO	Segment begins at the confluence with Rocky Branch and continues downstream until the confluence with Cannon Branch.
VA Overall AU Category: 5A	Impairment	7.26 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00225 2006 2010	Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 12 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (1ABRU011.24) at the Sudley Manor Drive bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Broad Run		
TMDL Group ID:	00226		
<b>VAN-A19R_BRU07A02</b>	<b>Broad Run</b>	FAUQUIER CO PRINCE WILLIAM CO	Segment begins at the confluence with an unnamed tributary to Broad Run, at approximately rivermile 21.3, and continues downstream until the start, western end, of Lake Manassas.
VA Overall AU Category: <b>5A</b>	Impairment	1.51 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Escherichia coli</b>	00226	2006 2010 Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 13 samples - 30.8%) were recorded at DEQ's ambient water quality monitoring station (1ABRU020.12) at the Route 29/15 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.
Sources: Source Unknown			
TMDL Group ID:	00227		
<b>VAN-A19R_BRU08A04</b>	<b>Broad Run</b>	FAUQUIER CO	Segment begins at the confluence with Mill Run and continues downstream to the confluence with Trapp Run.
VA Overall AU Category: <b>5A</b>	Impairment	1.06 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Escherichia coli</b>	00227	2006 2016 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 5 samples - 60.0%) were recorded at DEQ's special study station (1ABRU026.40) at the Route 628 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
Recreation	<b>Fecal Coliform</b>	00227	2004 2016 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (5 of 10 samples - 50.0%) were recorded at DEQ's special study station (1ABRU026.40) at the Route 628 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Group ID:	60013		
<b>VAN-A09R_BRB01A00</b>	<b>Broad Run</b>	LOUDOUN CO	Segment begins at the confluence with Beaverdam Run, approximately 0.8 rivermile upstream from Route 7, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: <b>5A</b>	Impairment	2.88 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	<b>Benthic-Macroinvertebrate Bioassessments (Streams)</b>	60013	2006 2018 DEQ benthic macroinvertebrate biological monitoring, at station 1ABRB002.15 near Route 7, finds this segment to be moderately impaired, resulting in an impaired classification for the aquatic life use.
Sources: Source Unknown			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Broad Run		
TMDL Group ID:	60051		
<b>VAN-A19R_BRU07B06</b>	<b>Broad Run</b>	FAUQUIER CO PRINCE WILLIAM CO	Segment begins at the confluence with Trapp Branch and continues downstream until the confluence with Catletts Branch.
VA Overall AU Category: <b>5A</b>	Impairment	1.13 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Escherichia coli</b>	60051	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 11 samples - 45.4%) were recorded at DEQ's special study monitoring station (1ABRU029.80) at the Route 55 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
		Sources: Source Unknown	
Recreation	<b>Fecal Coliform</b>	60051	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (2 of 11 samples - 18.2%) were recorded at DEQ's special study monitoring station (1ABRU029.80) at the Route 55 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
		Sources: Source Unknown	
TMDL Group ID:	60052		
<b>VAN-A19R_BRU01A04</b>	<b>Broad Run</b>	PRINCE WILLIAM CO	Segment begins at the confluence with Kettle Run and continues downstream until the confluence with Cedar Run, forming the Occoquan River/Lake Jackson.
VA Overall AU Category: <b>5A</b>	Impairment	2.23 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Escherichia coli</b>	60052	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 20 samples - 20.0%) were recorded at DEQ's ambient water quality monitoring station (1ABRU001.59) at the Route 692 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
		Sources: Source Unknown	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Broad Run		
TMDL Group ID:	60131		
<b>VAN-A09R_BRB01A00</b>	<b>Broad Run</b>	LOUDOUN CO	Segment begins at the confluence with Beaverdam Run, approximately 0.8 rivermile upstream from Route 7, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: <b>5A</b>	Impairment	2.88 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	60131	<b>2006</b> <b>2018</b> <p>The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits American eel consumption to no more than two meals per month. The affected area includes the following tributaries in the Potomac River basin between the VA/MD state line near the Route 340 bridge (Loudoun County) to the I-395 bridge (Arlington County); Goose Creek up to the Dulles Greenway Road Bridge, Broad Run up to the Route 625 bridge, Difficult Run up to the Route 7 bridge, and Pimmit Run up to the Route 309 bridge.</p> <p>Exceedances of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue were recorded in one specie of fish samples collected in 2001 (American eel) and 2004 (American eel) at monitoring station 1ABRB002.15.</p>
Sources: Source Unknown			
<b>VAN-A09R_BRB02A06</b>	<b>Broad Run</b>	LOUDOUN CO	Segment begins at the confluence with Cabin Branch, at rivermile 5.35, and continues downstream until the confluence with Beaverdam Run.
VA Overall AU Category: <b>5A</b>	Impairment	2.40 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	60131	<b>2006</b> <b>2018</b> <p>The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits American eel consumption to no more than two meals per month. The affected area includes the following tributaries in the Potomac River basin between the VA/MD state line near the Route 340 bridge (Loudoun County) to the I-395 bridge (Arlington County); Goose Creek up to the Dulles Greenway Road Bridge, Broad Run up to the Route 625 bridge, Difficult Run up to the Route 7 bridge, and Pimmit Run up to the Route 309 bridge.</p>
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Broad Run		
TMDL Group ID:	60131		
VAN-A09R_BRB03A06	Broad Run	LOUDOUN CO	Segment begins at the Route 625 crossing, at rivermile 6.33, and continues downstream until the confluence with Cabin Branch, at rivermile 5.35.
VA Overall AU Category: 5A	Impairment	0.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	60131	2006 2018 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits American eel consumption to no more than two meals per month. The affected area includes the following tributaries in the Potomac River basin between the VA/MD state line near the Route 340 bridge (Loudoun County) to the I-395 bridge (Arlington County); Goose Creek up to the Dulles Greenway Road Bridge, Broad Run up to the Route 625 bridge, Difficult Run up to the Route 7 bridge, and Pimmit Run up to the Route 309 bridge.
Sources: Source Unknown			
TMDL Watershed Name:	Buckner Creek		
TMDL Group ID:	00910		
VAP-A32E_BUB01A04	Buckner Creek	WESTMORELAND CO	As described in VDH Condemnation 082B, 7/14/04 POTMH Segment shortened in 2006
VA Overall AU Category: 5A	Impairment	0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00910	1998 2010 VAP-A32E-05 VDH Shellfish Condemnation 082B, 7/14/2004
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Buckner Creek, North Prong	
TMDL Group ID:		00917	
VAP-A32E_NOP01A02	North Prong Buckner Creek	WESTMORELAND CO	Described in the condemnation notice 004-082C, 7/14/2004.  POTMH  Mileage adjusted in 2006  Mileage adjusted in 2006
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00917	1998 2010 VAP-A32E-06 VDH-DSS Condemnation 004-082C, 7/14/2004 Size adjusted in 2006
Sources: Source Unknown			
TMDL Watershed Name:		Bull Run	
TMDL Group ID:		00234	
VAN-A23R_BUL02A02	Bull Run	FAIRFAX CO PRINCE WILLIAM CO	Segment begins at the confluence with Cub Run, at the start of watershed A23R, and continues downstream until the confluence with Popes Head Creek.
VA Overall AU Category: 5A	Impairment	4.80 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00234	1996 2010 DEQ benthic macroinvertebrate biological monitoring finds this segment to be moderately impaired.
Sources: Source Unknown			
TMDL Group ID:		00235	
VAN-A23R_BUL02A02	Bull Run	FAIRFAX CO PRINCE WILLIAM CO	Segment begins at the confluence with Cub Run, at the start of watershed A23R, and continues downstream until the confluence with Popes Head Creek.
VA Overall AU Category: 5A	Impairment	4.80 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00235	2004 2016 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 21 samples - 14.3%) were recorded at DEQ's ambient water quality monitoring station (1ABUL010.28) at the Route 28 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bull Run		
TMDL Group ID:	60058		
<b>VAN-A21R_BUL02A00</b>	<b>Bull Run</b>	LOUDOUN CO PRINCE WILLIAM CO	Segment begins at the confluence with Chestnut Lick, approximately 0.7 rivermile upstream from Route 705, and continues downstream until the confluence with an unnamed tributary to Bull Run, at rivermile 22.34.
VA Overall AU Category: <b>5A</b>	Impairment	4.37 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Escherichia coli</b>	60058	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 12 samples - 16.7%) were recorded at DEQ's ambient water quality monitoring station (1ABUL025.94) at the Route 705 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Group ID:	60136		
<b>VAN-A21R_BUL01A06</b>	<b>Bull Run</b>	FAIRFAX CO PRINCE WILLIAM CO	Segment begins at the confluence with Flat Branch and continues downstream until the confluence with Cub Run.
VA Overall AU Category: <b>5A</b>	Impairment	0.18 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Fish Consumption	<b>PCB in Fish Tissue</b>	60136	<b>2006</b> <b>2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of carp and channel catfish consumption to no more than two meals per month. The affected area includes Bull Run near Manassas Park from the I-66 bridge downstream approximately fourteen miles to the Route 612 (Yates Ford Road) bridge.
Sources: Source Unknown			
<b>VAN-A21R_BUL01B06</b>	<b>Bull Run</b>	FAIRFAX CO PRINCE WILLIAM CO	Segment begins at the I-66 crossing and continues downstream until the confluence with Flat Branch.
VA Overall AU Category: <b>5A</b>	Impairment	2.54 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Fish Consumption	<b>PCB in Fish Tissue</b>	60136	<b>2006</b> <b>2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of carp and channel catfish consumption to no more than two meals per month. The affected area includes Bull Run near Manassas Park from the I-66 bridge downstream approximately fourteen miles to the Route 612 (Yates Ford Road) bridge.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Bull Run		
TMDL Group ID:	60136		
<b>VAN-A23R_BUL01B04</b>	<b>Bull Run</b>	FAIRFAX CO PRINCE WILLIAM CO	Segment begins at the confluence of Popes Head Creek with Bull Run and continues downstream until rivermile 5.8.
VA Overall AU Category: <b>5A</b>	Impairment	0.95 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	60136	<b>2006</b> <b>2016</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of carp and channel catfish consumption to no more than two meals per month. The affected area includes Bull Run near Manassas Park from the I-66 bridge downstream approximately fourteen miles to the Route 612 (Yates Ford Road) bridge.  Additionally, fish tissue data revealed an exceedance of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in four tissue samples from carp in 2004 at monitoring station 1ABUL006.47.
Sources: Source Unknown			
<b>VAN-A23R_BUL02A02</b>	<b>Bull Run</b>	FAIRFAX CO PRINCE WILLIAM CO	Segment begins at the confluence with Cub Run, at the start of watershed A23R, and continues downstream until the confluence with Popes Head Creek.
VA Overall AU Category: <b>5A</b>	Impairment	4.80 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	60136	<b>2004</b> <b>2016</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of carp and channel catfish consumption to no more than two meals per month. The affected area includes Bull Run near Manassas Park from the I-66 bridge downstream approximately fourteen miles to the Route 612 (Yates Ford Road) bridge.  Additionally, fish tissue data revealed an exceedance of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in two species of fish (channel catfish and flathead catfish) in 2001 and one specie (channel catfish) in 2004 at monitoring station 1ABUL010.28.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Cameron Run/Hunting Creek		
TMDL Group ID:	60029		
VAN-A13R_CAM01A04	Cameron Run/Hunting Creek	ALEXANDRIA CITY FAIRFAX CO	Segment begins at the confluence with Backlick Run and continues downstream until the Route 241 (Telegraph Road) bridge crossing.
VA Overall AU Category: 5A	Impairment	2.12 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60029	2006 2018 Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 12 samples - 33.3%) were recorded at DEQ's ambient water quality monitoring station (1ACAM002.92) at the Eisenhower Avenue bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Catoctin Creek, South Fork		
TMDL Group ID:	00161		
VAN-A02R_SOC03A04	South Fork Catoctin Creek	LOUDOUN CO	Segment begins at the Purcellville town limits and continues downstream until the confluence with an unnamed tributary to South Fork Catoctin Creek, approximately 0.75 rivermile upstream from the Route 287 bridge.
VA Overall AU Category: 5D	Impairment	3.40 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00161	2004 2002 A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl			
Segment listed as Category 4A - Federal ID 21332.			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Catoctin Creek, South Fork		
TMDL Group ID:	00790		
<b>VAN-A02R_SOC03A04</b>	<b>South Fork Catoctin Creek</b>	LOUDOUN CO	Segment begins at the Purcellville town limits and continues downstream until the confluence with an unnamed tributary to South Fork Catoctin Creek, approximately 0.75 rivermile upstream from the Route 287 bridge.
VA Overall AU Category: <b>5D</b>	Impairment	3.40 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	<b>Benthic-Macroinvertebrate Bioassessments (Streams)</b>	00790	<b>2004</b> <b>2016</b> Both stations 1ASOC011.98 and 1ASOC012.60 had benthic assessments of moderately impaired.
Sources: Commercial Districts (Industrial Parks) Non-Point Source			
TMDL Watershed Name:	Catoctin Creek, Unnamed Tributary		
TMDL Group ID:	60001		
<b>VAN-A02R_XJT01A06</b>	<b>Unnamed tributary to Catoctin Creek</b>	LOUDOUN CO	Segment begins at the confluence with an unnamed tributary, approximately 1.2 miles upstream from the Route 693 crossing, and continues downstream until the confluence with Catoctin Creek, at rivermile 9.81.
VA Overall AU Category: <b>5A</b>	Impairment	4.12 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	60001	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 6 samples - 66.7%) were recorded at DEQ's ambient water quality monitoring station (1AXJT002.22) at Cottage Grove Lane to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Cedar Creek		
TMDL Group ID:	01645		
<b>VAV-B52R_CDR04A02</b>	<b>Cedar Creek</b>	SHENANDOAH CO	Cedar Creek from the headwaters downstream to its confluence a spring branch near Van Buren Furnace.
VA Overall AU Category: <b>5A</b>	Impairment	2.53 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	<b>Benthic-Macroinvertebrate Bioassessments (Streams)</b>	01645	<b>2002</b> <b>2016</b>
Sources: Wildlife Other than Waterfowl			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chapel Run		
TMDL Group ID:	40004		
VAV-B57R_CPL01A00	Chapel Run	CLARKE CO	Chapel Run and tributaries from the headwaters downstream to its confluence with the Shenandoah River.
VA Overall AU Category: 5A	Impairment	9.46 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	40004	2006 2018 Newly listed for benthics in 2006.
Sources: Non-Point Source Wildlife Other than Waterfowl			
<b>Chesapeake Bay 5 Mesohaline Embayments</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	01766		
VAP-A34E_BRI01C98	Bridge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 010-105C, 9/15/2004.  CB5MH
VA Overall AU Category: 5A	Impairment	0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01766	2006 2010 VAP-A34E-27
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Chesapeake Bay 5 Mesohaline Embayments			
TMDL Group ID:		01766			
Open-Water Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
VAP-A34E_BRI02C98	Bridge Creek	NORTHUMBERLAND CO			Described in the condemnation notice 010-105D, 9/15/2004
Sq. mileage adjusted in 2006, although area did not change					
CB5MH					
VA Overall AU Category: 5D	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Use					Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved		01766	2006	2010
VAP-A34E-27					
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description		
Potomac and Shenandoah River Basins							
TMDL Watershed Name:		Chesapeake Bay 5 Mesohaline Embayments					
TMDL Group ID:		01766					
Open-Water Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27		
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.							
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)							
VAP-A34E_COO01A98		Cod Creek, Trib to Little Wicomico		NORTHUMBERLAND CO	Described in the condemnation notice 105A, 06/10/1997.		
CB5MH							
VA Overall AU Category: Use	5D	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life		Oxygen, Dissolved		01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.							
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)							

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description		
Potomac and Shenandoah River Basins							
TMDL Watershed Name:		Chesapeake Bay 5 Mesohaline Embayments					
TMDL Group ID:		01766					
Open-Water Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27		
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.							
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)							
VAP-A34E_ELL01A06	Ellyson Creek	NORTHUMBERLAND CO			Described in VDH-DSS condemnation 010-105A, 9/15/2004		
CB5MH							
VA Overall AU Category: Use	5A	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life		Oxygen, Dissolved		01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.							
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)							

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments				
TMDL Group ID:	01766				
Open-Water Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

VAP-A34E_LIS01A02	Little Wicomico River	NORTHUMBERLAND CO			Described in the VDH-DSS Condemnation Notice 105A, 6/21/2002, not otherwise segmented
Size increased by 0.01 sq. mi. in 2004 cycle.					
CB5MH					
VA Overall AU Category: Use	5A	Impairment	0.27 SQUARE MILES	TMDL Group ID	First Listed on 303(d)
Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	01766		
Open-Water Aquatic Life	Oxygen, Dissolved	Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
		01766 2006 2010	VAP-A34E-27
		During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.	
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A34E_LIS01A06	Little Wicomico River	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 010-105B, 9/15/2004 not otherwise segmented
			CB5MH
VA Overall AU Category: 5A	Impairment	0.15 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01766 2006 2010	VAP-A34E-27
		During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.	
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Chesapeake Bay 5 Mesohaline Embayments			
TMDL Group ID:		01766			
Open-Water Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
VAP-A34E_LIS01A98		Little Wicomico River		NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 105B, 6/10/1997
CB5MH					
VA Overall AU Category: Use	5D Impairment	0.20 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Aquatic Life	Oxygen, Dissolved		01766	2006	2010
VAP-A34E-27					
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Chesapeake Bay 5 Mesohaline Embayments			
TMDL Group ID:		01766			
Open-Water Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

VAP-A34E_LIS02A00	Little Wicomico River	NORTHUMBERLAND CO			From SFC 101-105B, 9/15/2004 to the Sunnybank Ferry, except as otherwise segmented.		
					Size adjusted in 2006		
					CB5MH		
VA Overall AU Category: Use	5A	Impairment	0.58 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life		Oxygen, Dissolved		01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.							
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders							



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	01766		
Open-Water Aquatic Life	Oxygen, Dissolved	Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
		01766 2006 2010	VAP-A34E-27
		During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.	
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A34E_LIS03A98	Little Wicomico River	NORTHUMBERLAND CO	Confined to approximately the Sunnybank Ferry Route.  CB5MH
VA Overall AU Category: 5A	Impairment	0.06 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	01766 2006 2010	VAP-A34E-27
		During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.	
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Chesapeake Bay 5 Mesohaline Embayments			
TMDL Group ID:		01766			
Open-Water Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27
		During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.			
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A34E_LIS04A00	Little Wicomico River	NORTHUMBERLAND CO			Downstream of the Sunnybank Ferry Route, except as otherwise segmented.
		CB5MH			
VA Overall AU Category: Use	5A	Impairment	1.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)
Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27
		During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.			
		Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Chesapeake Bay 5 Mesohaline Embayments			
TMDL Group ID:		01766			
Open-Water Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
VAP-A34E_LIS05A98	Little Wicomico River: Slough Creek	NORTHUMBERLAND CO			Described in the condemnation notice 010-105E, 9/15/2004.
					Expanded in 2006 cycle.
					CB5MH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Use					Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved		01766	2006	2010
VAP-A34E-27					
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*		Assessment Unit Description	
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Chesapeake Bay 5 Mesohaline Embayments			
TMDL Group ID:		01766			
Open-Water Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
VAP-A34E_LIS06A06		Little Wicomico River: Slough Creek		NORTHUMBERLAND CO	
Described in VDH-DSS condemnation 010-105M1, 9/15/2004.					
CB5MH					
VA Overall AU Category: Use	5A	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)
Aquatic Life		Oxygen, Dissolved		01766	2006
2010					
VAP-A34E-27					
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments				
TMDL Group ID:	01766				
Open-Water Aquatic Life	Oxygen, Dissolved	01766	2006	2010	VAP-A34E-27
During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries are also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					
TMDL Group ID:	10061				
VAP-A34E_BRI01C98	Bridge Creek	NORTHUMBERLAND CO			Described in the condemnation notice 010-105C, 9/15/2004.  CB5MH
VA Overall AU Category: 5A	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Use					Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)		10061	2006	2010
VAP-A34E-27					
Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.					
Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments				
TMDL Group ID:	10061				
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006	2010	VAP-A34E-27
		Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.			
Sources:		Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
VAP-A34E_BRI02C98	Bridge Creek	NORTHUMBERLAND CO			Described in the condemnation notice 010-105D, 9/15/2004
Sq. mileage adjusted in 2006, although area did not change					
CB5MH					
VA Overall AU Category: Use	5D Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Aquatic Life	Aquatic Plants (Macrophytes)	10061	2006	2010	VAP-A34E-27
		Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.			
Sources:		Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Juristiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006	2010	VAP-A34E-27
		Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.			
Sources:		Agriculture Atmospheric Deposition - Nitrogen Clean Sediments			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10061	Sources: Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
VAP-A34E_COO01A98	Cod Creek, Trib to Little Wicomico	NORTHUMBERLAND CO	Described in the condemnation notice 105A, 06/10/1997.  CB5MH
VA Overall AU Category: 5D	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10061		
VAP-A34E_ELL01A06	Ellyson Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 010-105A, 9/15/2004 CB5MH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10061		
VAP-A34E_LIS01A02	Little Wicomico River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 105A, 6/21/2002, not otherwise segmented  Size increased by 0.01 sq. mi. in 2004 cycle.  CB5MH
VA Overall AU Category: 5A	Impairment	0.27 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10061		
VAP-A34E_LIS01A06	Little Wicomico River	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 010-105B, 9/15/2004 not otherwise segmented  CB5MH
VA Overall AU Category: 5A			
Use	Impairment	0.15 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10061		
VAP-A34E_LIS01A98	Little Wicomico River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 105B, 6/10/1997 CB5MH
VA Overall AU Category: 5D	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10061		
VAP-A34E_LIS02A00	Little Wicomico River	NORTHUMBERLAND CO	From SFC 101-105B, 9/15/2004 to the Sunnybank Ferry, except as otherwise segmented.  Size adjusted in 2006  CB5MH
VA Overall AU Category: 5A	Impairment	0.58 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10061		
VAP-A34E_LIS03A98	Little Wicomico River	NORTHUMBERLAND CO	Confined to approximately the Sunnybank Ferry Route. CB5MH
VA Overall AU Category: 5A	Impairment	0.06 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10061		
VAP-A34E_LIS04A00	Little Wicomico River	NORTHUMBERLAND CO	Downstream of the Sunnybank Ferry Route, except as otherwise segmented.  CB5MH
VA Overall AU Category: 5A			
Use	Impairment	1.00 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10061 2006 2010	VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061 2006 2010	VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10061		
VAP-A34E_LIS05A98	Little Wicomico River: Slough Creek	NORTHUMBERLAND CO	Described in the condemnation notice 010-105E, 9/15/2004.  Expanded in 2006 cycle.  CB5MH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10061		
VAP-A34E_LIS06A06	Little Wicomico River: Slough Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 010-105M1, 9/15/2004.  CB5MH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10061	2006 2010 VAP-A34E-27  Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chopawamsic Creek		
TMDL Group ID:	00804		
VAN-A26R_CHO01A02	Chopawamsic Creek	PRINCE WILLIAM CO STAFFORD CO	Segment begins at the confluence with an unnamed tributary to Chopawamsic Creek, approximately 0.3 rivermile upstream from I-95, and continues downstream until the end of the free flowing waters of Chopawamsic Creek.
VA Overall AU Category: 5A	Impairment	0.76 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	pH	00804	2002 2014 Although the data obtained during the 2006 assessment window shows exceedances of the instantaneous pH criterion (1 of 24 samples - 4.2%) is categorized as fully supporting, no additional data has been collected from the USGS ambient water quality monitoring station (01660110) since the previous assessment window. The segment shall remain categorized as impaired.
Sources: Source Unknown			
TMDL Group ID:	00805		
VAN-A26E_CHO02A00	Chopawamsic Creek	PRINCE WILLIAM CO STAFFORD CO	Segment extends from approximately 0.5 rivermile upstream, until the end of the tidal waters, until 0.5 rivermile downstream of monitoring station 1ACH0003.65. Portion of CBP segment POTOH.
VA Overall AU Category: 5A	Impairment	0.12 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Escherichia coli	00805	2006 2016 Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 10 samples - 20.0%) were recorded at DEQ's ambient water quality monitoring station (1ACH0003.65) at the Route One bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
Recreation	Fecal Coliform	00805	2004 2016 There was only one exceedance of the instantaneous fecal coliform bacteria criterion in sixteen samples collected at DEQ's ambient water quality monitoring station (1ACH0003.65) at the Route One bridge. However, there have been no fecal coliform sampling events since the 2004 assessment, when the segment was first listed for a bacterial impairment. The segment shall keep the fecal coliform impairment.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Chopawamsic Creek, North Branch		
TMDL Group ID:	00806		
<b>VAN-A26R_NOR01A02</b>	<b>North Branch Chopawamsic Creek</b>	PRINCE WILLIAM CO STAFFORD CO	Segment begins at the headwaters of North Branch Chopawamsic Creek and continues downstream until the confluence with Middle Branch.
VA Overall AU Category: <b>5A</b>	Impairment	6.90 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Escherichia coli</b>	00806 <b>2004</b> <b>2016</b>	Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 12 samples - 25.0%) were recorded at USGS station 01659000 to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Coan Mill		
TMDL Group ID:	00946		
<b>VAP-A34R_CON01A00</b>	<b>Coan Mill Stream</b>	NORTHUMBERLAND CO	From the confluence with the unnamed trib at rivermile 1.53 to the Coan River.
VA Overall AU Category: <b>5A</b>	Impairment	1.53 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Fecal Coliform</b>	00946 <b>2002</b> <b>2014</b>	VAP-A34R-01  In the 2002 cycle, Coan Mill Stream was assessed not supporting of the Aquatic Life use goal based on a fecal coliform violation rate of 6/20 at Route 360 (1ACON000.96).  There has been no additional monitoring since 2001.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name: Coan River			
TMDL Group ID: 00175			
VAP-A34E_XFJ01A98	Coan River, UT	NORTHUMBERLAND CO	Described in the condemnation notice 008-214D, 12/29/2003.  POTMH  Size increased during 2004 cycle (0.02 to 0.05 sq. mi)
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00175	1998
			TMDL Schedule
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-04
			VDH-DSS condemnation 8-214D, 12/29/2003
			The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.
			Sources: Non-Point Source
TMDL Group ID: 10057			
VAP-A34E_COA01A02	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 11/27/2002, not otherwise segmented.  Size adjusted in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Fish Consumption	PCB in Fish Tissue	10057	2006
			TMDL Schedule
			2018
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-19
			VDH Fish Consumption Advisory (12/13/2004) for PCBs in gizzard shad, white perch, and channel catfish
			Sources: Source Unknown
VAP-A34E_COA01A06	Coan River	NORTHUMBERLAND CO	Described in SFC 008-214E, 12/29/2003 not otherwise segmented.  POTMH
VA Overall AU Category: 5A	Impairment	0.06 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Fish Consumption	PCB in Fish Tissue	10057	2006
			TMDL Schedule
			2018
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-19
			VDH Fish Consumption Advisory (12/13/2004) for PCBs in gizzard shad, white perch, and channel catfish
			Sources: Source Unknown

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Coan River	
TMDL Group ID:		10057	
VAP-A34E_COA01A98	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145I, 2/25/1997, not otherwise segmented.  POTMH
VA Overall AU Category: 5A	Impairment	0.33 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Fish Consumption	PCB in Fish Tissue	10057	2006
			2018
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-19
			VDH Fish Consumption Advisory (12/13/2004) for PCBs in gizzard shad, white perch, and channel catfish
			Sources: Source Unknown
VAP-A34E_COA02A02	Coan River	NORTHUMBERLAND CO	From SFC 008-214E, 12/29/2003 to its mouth at the Potomac, excluding otherwise segmented waterbodies.  Segment adjusted in 2006 cycle.  POTMH
VA Overall AU Category: 5A	Impairment	2.65 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Fish Consumption	PCB in Fish Tissue	10057	2006
			2018
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-19
			VDH Fish Consumption Advisory (12/13/2004) for PCBs in gizzard shad, white perch, and channel catfish
			Sources: Source Unknown
TMDL Group ID:		10068	
VAP-A34E_COA01A06	Coan River	NORTHUMBERLAND CO	Described in SFC 008-214E, 12/29/2003 not otherwise segmented.  POTMH
VA Overall AU Category: 5A	Impairment	0.06 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	10068	2006
			2018
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-32
			The Coan River shellfish impairment expanded in the 2006 cycle (008-214E, 12/29/2003); the TMDL for this portion is due in 2018.
			Sources: Non-Point Source

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Coan River		
TMDL Group ID:	85010		
VAP-A34E_COA01A02	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 11/27/2002, not otherwise segmented.  Size adjusted in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	85010	1998 2016 VAP-A34E-05
Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).			
Sources: Non-Point Source			
VAP-A34E_COA01A98	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145I, 2/25/1997, not otherwise segmented.  POTMH
VA Overall AU Category: 5A	Impairment	0.33 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	85010	1998 2010 VAP-A34E-05
Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).			
Sources: Non-Point Source			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Cod Creek		
TMDL Group ID:	00172		
VAP-A34E_COO01A98	Cod Creek, Trib to Little Wicomico	NORTHUMBERLAND CO	Described in the condemnation notice 105A, 06/10/1997.  CB5MH
VA Overall AU Category: 5D	Impairment	0.08 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00172	1998
			2003
			Impairment Specific Comments and/or Impairment Specific VA Category
			Category 4A
			VAP-A34E-15
			Cod Creek was assessed as impaired during the 1998 cycle because of VDH-DSS Shellfish Condemnation 105B, 6/10/1997. In the 2004 cycle, the segment was shortened by 0.3 sq. mi., however the 12/18/2003 Little Wicomico River TMDL report included the entire 1998 segment. This segment will be classified as Cat. 4A during the 2006 cycle.
Sources: Non-Point Source			
TMDL Group ID:	00177		
VAP-A34E_COC01A98	Cod Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-141A, 12/22/04.  Segment extended in 2006 into 2004 segment VAP-A34E_COC02A04, which was deleted.  POTMH
VA Overall AU Category: 5A	Impairment	0.10 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00177	1998
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-07
			VDH-DSS Shellfish Condemnation 141A, 12/22/2004
			Segment extended in 2006
Sources: Source Unknown			
VAP-A34E_COC01B02	Cod Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-141B, 12/22/2004  POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00177	1998
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-08
			VDH-DSS Condemnation 009-141B, 12/22/2004
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Cold Harbor Bay		
TMDL Group ID:	00911		
VAP-A32E_CHB01A98	Cold Harbor Bay	WESTMORELAND CO	Described in the condemnation notice 004-184A, 8/23/04.  POTMH
VA Overall AU Category: 5A	Impairment	0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00911 2004 2016	VAP-A32E-01 VDH Shellfish Condemnation 004-184, 8/23/2004
Sources: Source Unknown			
TMDL Watershed Name:	Coles Run		
TMDL Group ID:	50058		
VAV-B31R_CLS01A00	Coles Run	AUGUSTA CO	Coles Run from the headwaters downstream to its confluence with South River.
VA Overall AU Category: 5A	Impairment	6.12 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	pH	50058 2006 2018	Newly listed for pH in 2006.
Sources: Atmospheric Deposition - Acidity			
TMDL Watershed Name:	Crooked Run		
TMDL Group ID:	01626		
VAV-B56R_CRO01A00	Crooked Run	FREDERICK CO WARREN CO	Crooked Run excluding the tributary feeding the east arm of Lake Frederick from the headwaters downstream to its confluence with the Shenandoah River.
VA Overall AU Category: 5A	Impairment	11.88 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	01626 2002 2014	
Sources: Non-Point Source Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Crooked Run		
TMDL Group ID:	60004		
<b>VAN-A04R_CRA01A04</b>	<b>Crooked Run</b>	<b>FAUQUIER CO</b>	Segment begins at the confluence with an unnamed tributary to Crooked Run, just downstream from Route 724, and continues downstream until the confluence with Goose Creek.
VA Overall AU Category: <b>5A</b>	Impairment	1.82 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	60004	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 7 samples - 42.8%) were recorded at DEQ's ambient water quality monitoring station (1ACRA000.42) at the Route 623 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Crooked Run, Cross Tributary		
TMDL Group ID:	50010		
<b>VAV-B56R_XCR01A06</b>	<b>X-trib to Crooked Run</b>	<b>WARREN CO</b>	X-trib to Crooked Run from its headwaters downstream to its confluence with Crooked Run
VA Overall AU Category: <b>5A</b>	Impairment	0.09 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	<b>Oxygen, Dissolved</b>	50010	<b>2006</b> <b>2018</b> Newly listed for dissolved oxygen in 2006.
Sources: Source Unknown			
TMDL Watershed Name:	Cub Run		
TMDL Group ID:	00632		
<b>VAV-B37R_CUB01A00</b>	<b>Cub Run</b>	<b>PAGE CO ROCKINGHAM CO</b>	Cub Run originating on the east side of the Massanutten Mountain from the headwaters downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: <b>5A</b>	Impairment	9.64 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	00632	<b>2004</b> <b>2016</b>
Sources: Non-Point Source Wildlife Other than Waterfowl			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Cub Run		
TMDL Group ID:	60059		
VAN-A22R_CUB01A00	Cub Run	FAIRFAX CITY	Segment begins at the confluence with Ellick Run and continues downstream until the confluence with Bull Run.
VA Overall AU Category: 5A	Impairment	6.75 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60059	2006 2018 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 15 samples - 20.0%) were recorded at DEQ's ambient water quality monitoring station (1ACUB002.61) at the Route 658 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Cubitt Creek		
TMDL Group ID:	00935		
VAP-A34E_CUT01A98	Cubitt Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-168, 4/27/1989 POTMH.
VA Overall AU Category: 5A	Impairment	0.23 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00935	1998 2010 VAP-A34E-14 VDH-DSS Shellfish Condemnation 168, 4/27/1989
Sources: Source Unknown			
TMDL Group ID:	00936		
VAP-A34E_CUT01A98	Cubitt Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-168, 4/27/1989 POTMH.
VA Overall AU Category: 5A	Impairment	0.23 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00936	1998 2016 VAP-A34E-14 The segment was listed for the Recreation Use in 2004 due to a fecal coliform violation rate of 3/20 at 1ACUT000.58. The TMDL is due in 2016. There has been no additional bacteria monitoring since 2001, therefore the impairment is carried over.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Currioman Creek		
TMDL Group ID:	00912		
VAP-A32E_CUR01A98	Currioman Creek	WESTMORELAND CO	Described in the condemnation notice 004-184B, 8/23/2004.  Square mileage adjusted in 2006.  POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00912	1998
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A32E-02
			VDH Shellfish Condemnation 004-184B, 8/23/2004
		Sources:	Source Unknown
TMDL Watershed Name:	Curtis Lake		
TMDL Group ID:	50555		
VAN-A29L_LOH02A02	Curtis Lake	STAFFORD CO	Segment includes all of Curtis Lake on Long Branch.
VA Overall AU Category: 5A	Impairment	54.00 ACRES	TMDL Group ID
Use			First Listed on 303(d)
Aquatic Life	Oxygen, Dissolved	50555	2006
			2018
			Impairment Specific Comments and/or Impairment Specific VA Category
			Sufficient exceedances of the instantaneous dissolved oxygen criterion (8 of 41 samples - 19.5%) were recorded at DEQ's lake ambient water quality monitoring station (1ALOH007.93), one hundred feet from the dam, to assess this stream segment as not supporting of the aquatic life use goal for the 2006 water quality assessment.
			Note: Curtis Lake is managed by the Virginia Department of Game and Inland Fisheries. Sampling events occurred two weeks after the lake was fertilized in both June and August 2004.
		Sources:	Source Unknown

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Curtis Lake		
TMDL Group ID:	50556		
VAN-A29L_LOH02A02	Curtis Lake	STAFFORD CO	Segment includes all of Curtis Lake on Long Branch.
VA Overall AU Category: 5A	Impairment	54.00 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	50556	2002 2010 Sufficient exceedances of the instantaneous pH criterion (7 of 41 samples - 17.1%) were recorded at DEQ's lake ambient water quality monitoring station (1ALOH007.93), one hundred feet from the dam, to assess this stream segment as not supporting of the aquatic life use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Deep Run		
TMDL Group ID:	01618		
VAV-B33R_DPR01A00	Deep Run	ROCKINGHAM CO	Deep Run from the headwaters downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	4.33 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01618	2004 2016
Sources: Atmospheric Deposition - Acidity			
TMDL Watershed Name:	Difficult Run		
TMDL Group ID:	00304		
VAN-A11R_DIF01A00	Difficult Run	FAIRFAX CO	Segment begins at the confluence with Captain Hickory Run, approximately 0.6 rivermile upstream from Route 683, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 5A	Impairment	2.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00304	1996 2010 DEQ benthic macroinvertebrate biological monitoring finds this segment to be moderately impaired, resulting in an impaired classification of the aquatic life use.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description			
Potomac and Shenandoah River Basins						
TMDL Watershed Name:		Difficult Run				
TMDL Group ID:		00793				
VAN-A11R_DIF01A00	Difficult Run	FAIRFAX CO	Segment begins at the confluence with Captain Hickory Run, approximately 0.6 rivermile upstream from Route 683, and continues downstream until the confluence with the Potomac River.			
VA Overall AU Category: 5A	Impairment	2.93 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Use						
Recreation	Escherichia coli		00793	2004	2016	Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 13 samples - 30.8%) were recorded at DEQ's ambient water quality monitoring station (1ADIF000.86) at the Route 193 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for fecal coliform and E.coli bacteria impairments, beginning in 2004.
Sources: Source Unknown						
TMDL Group ID:		60015				
VAN-A11R_DIF01A00	Difficult Run	FAIRFAX CO	Segment begins at the confluence with Captain Hickory Run, approximately 0.6 rivermile upstream from Route 683, and continues downstream until the confluence with the Potomac River.			
VA Overall AU Category: 5A	Impairment	2.93 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Use						
Fish Consumption	Heptachlor epoxide		60015	2006	2018	Fish tissue data revealed an exceedance of the water quality criterion based tissue value (TV) of 12 parts per billion (ppb) for heptachlor epoxide. Both of these exceedances were found in American eel, first in 2001 and again in 2004.
Sources: Source Unknown						
TMDL Group ID:		60017				
VAN-A11R_DIF03A02	Difficult Run	FAIRFAX CO	Segment begins at confluence with Rocky Branch, approximately 0.25 rivermile upstream of Route 672, and continues downstream until the confluence with Piney Branch.			
VA Overall AU Category: 5A	Impairment	3.24 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Use						
Recreation	Escherichia coli		60017	2006	2018	Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 8 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (1ADIF010.48) at the Route 672 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown						

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Difficult Run		
TMDL Group ID:	60132		
<b>VAN-A11R_DIF01A00</b>	<b>Difficult Run</b>	<b>FAIRFAX CO</b>	Segment begins at the confluence with Captain Hickory Run, approximately 0.6 rivermile upstream from Route 683, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: <b>5A</b>	Impairment	2.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	<b>PCB in Fish Tissue</b>	60132	<b>2006</b> <b>2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits American eel consumption to no more than two meals per month. The affected area includes the following tributaries in the Potomac River basin between the VA/MD state line near the Route 340 bridge (Loudoun County) to the I-395 bridge (Arlington County); Goose Creek up to the Dulles Greenway Road Bridge, Broad Run up to the Route 625 bridge, Difficult Run up to the Route 7 bridge, and Pimmit Run up to the Route 309 bridge.
Sources: Source Unknown			
<b>VAN-A11R_DIF01B06</b>	<b>Difficult Run</b>	<b>FAIRFAX CO</b>	Segment begins at the Route 7 bridge crossing and continues downstream until the confluence with Captain Hickory Run, approximately 0.6 rivermile upstream from Route 683.
VA Overall AU Category: <b>5A</b>	Impairment	1.09 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	<b>PCB in Fish Tissue</b>	60132	<b>2006</b> <b>2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits American eel consumption to no more than two meals per month. The affected area includes the following tributaries in the Potomac River basin between the VA/MD state line near the Route 340 bridge (Loudoun County) to the I-395 bridge (Arlington County); Goose Creek up to the Dulles Greenway Road Bridge, Broad Run up to the Route 625 bridge, Difficult Run up to the Route 7 bridge, and Pimmit Run up to the Route 309 bridge.
Sources: Source Unknown			
TMDL Watershed Name:	Dogue Creek		
TMDL Group ID:	60031		
<b>VAN-A14E_DOU01A00</b>	<b>Dogue Creek</b>	<b>FAIRFAX CO</b>	Segment includes all tidal waters of Dogue Creek, extending from approximately rivermile 2.1 until the confluence with the Potomac River. Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	0.74 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	60031	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (5 of 24 samples - 20.1%) were recorded at DEQ's ambient water quality monitoring station (1ADOU000.60) to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Drum Cove		
TMDL Group ID:	10054		
VAP-A33E_DRM01A06	Drum Cove	NORTHUMBERLAND CO	Described in 007-028D, 07/21/2004 POTMH Segment shortened in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	10054	2006 2018 VAP-A33E-06
			VDH-DSS Shellfish Condemnation 007-028D, 7/21/2004
		Sources: Source Unknown	
TMDL Watershed Name:	Dry Fork		
TMDL Group ID:	01633		
VAV-B47R_DFK01A00	Dry Fork	ROCKINGHAM CO	Dry Fork from the headwaters downstream to its confluence with Smith Creek.
VA Overall AU Category: 5D	Impairment	10.08 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	01633	2004 2004 Category 4A- Federal TMDL ID # 21281
		Sources: Non-Point Source Wildlife Other than Waterfowl	
TMDL Group ID:	40003		
VAV-B47R_DFK01A00	Dry Fork	ROCKINGHAM CO	Dry Fork from the headwaters downstream to its confluence with Smith Creek.
VA Overall AU Category: 5D	Impairment	10.08 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	40003	2006 2018 Newly listed for benthics in 2006.
		Sources: Non-Point Source	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Dry River		
TMDL Group ID:	01608		
<b>VAV-B20R_DUR01A00</b>	<b>Dry River</b>	<b>ROCKINGHAM CO</b>	Dry River from the City of Harrisonburg water intake downstream to its confluence with Blacks Run.
VA Overall AU Category: <b>5A</b>	Impairment	1.52 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01608 2002 2014	
Sources: Atmospheric Deposition - Acidity			
<b>VAV-B20R_DUR02A00</b>	<b>Dry River</b>	<b>ROCKINGHAM CO</b>	Dry River from the 5 miles PWS designation downstream to the City of Harrisonburg Water Intake.
VA Overall AU Category: <b>5A</b>	Impairment	4.95 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01608 2002 2014	
Sources: Atmospheric Deposition - Acidity			
<b>VAV-B20R_DUR03A00</b>	<b>Dry River</b>	<b>ROCKINGHAM CO</b>	Dry River from its confluence with Low Place Run downstream to the 5 mile PWS designation for the City of Harrisonburg Water Intake.
VA Overall AU Category: <b>5A</b>	Impairment	3.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01608 2002 2014	
Sources: Atmospheric Deposition - Acidity			
<b>VAV-B21R_DUR04A00</b>	<b>Dry River</b>	<b>ROCKINGHAM CO</b>	Dry River from its confluence with Blacks Run downstream to the Route 613 bridge.
VA Overall AU Category: <b>5A</b>	Impairment	3.96 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01608 2004 2016	
Sources: Atmospheric Deposition - Acidity			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Dungan Cove		
TMDL Group ID:	00920		
VAP-A33E_DUA01A04	Dungan Cove	NORTHUMBERLAND CO	As described in VDH Shellfish Condemnation 007-028G, 7/14/2006 Mileage adjusted slightly in 2006 although area did not change. POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00920	2004 2016 VAP-A33E-11 VDH-DSS condemnation 007-028G, 7/14/2004 Mileage adjusted slightly in 2006, although area did not change
Sources: Source Unknown			
TMDL Watershed Name:	Elkhorn Lake		
TMDL Group ID:	01602		
VAV-B16L_NTH01A04	Elkhorn Lake	AUGUSTA CO	Elkhorn Lake
VA Overall AU Category: 5A	Impairment	49.63 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Oxygen, Dissolved	01602	2004 Dissolved oxygen impairment in the Hypolimnion during the summer months due to natural conditions. (4C)
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Group ID:	50070		
VAV-B16L_NTH01A04	Elkhorn Lake	AUGUSTA CO	Elkhorn Lake
VA Overall AU Category: 5A	Impairment	49.63 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	pH	50070	2006 2018 Newly listed impairment for pH in 2006
Sources: Atmospheric Deposition - Acidity			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Elklick Run		
TMDL Group ID:	60060		
<b>VAN-A22R_ELC01A04</b>	<b>Elklick Run</b>	<b>FAIRFAX CO</b>	Segment begins at the confluence with an unnamed tributary to Elklick Run, approximately 0.65 rivermile downstream from the Route 620 crossing, and continues downstream until the confluence with Cub Run.
VA Overall AU Category: <b>5A</b>	Impairment	2.16 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Escherichia coli</b>	60060	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 3 samples - 100%) were recorded at DEQ's ambient water quality monitoring station (1AELC001.39) at the Route 609 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		
Recreation	<b>Fecal Coliform</b>	60060	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (2 of 11 samples - 18.2%) were recorded at DEQ's ambient water quality monitoring station (1AELC001.39) at the Route 609 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		
TMDL Watershed Name:	Ellyson Creek		
TMDL Group ID:	10065		
<b>VAP-A34E_ELL01A06</b>	<b>Ellyson Creek</b>	<b>NORTHUMBERLAND CO</b>	Described in VDH-DSS condemnation 010-105A, 9/15/2004 CB5MH
VA Overall AU Category: <b>5A</b>	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	<b>Fecal Coliform</b>	10065	<b>2006</b> <b>2018</b> VAP-A34E-29 VDH-DSS condemnation 010-105A, 9/15/2004
	Sources: Source Unknown		
TMDL Watershed Name:	Fairview Beach (Potomac River)		
TMDL Group ID:	60069		
<b>VAN-A29E_POT01A06</b>	<b>Fairview Beach/ Potomac River</b>	<b>KING GEORGE CO</b>	Segment includes all of Fairview Beach on the Potomac River. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Enterococcus</b>	60069	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous enterococci bacteria criterion (32 of 145 samples - 22.1%) were recorded at VDH station (VA351214) at Fairview Beach to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Flint Run		
TMDL Group ID:	01622		
VAV-B40R_FNT01A00	Flint Run	WARREN CO	Flint Run and tributary from the headwaters downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	11.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	01622 2004 2016	
	Sources: Non-Point Source Wildlife Other than Waterfowl		
<b>Fountain Cove</b>			
TMDL Watershed Name:	Fountain Cove		
TMDL Group ID:	10056		
VAP-A34E_FTN01A06	Fountain Cove	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 009-142B, 12/22/2004 POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Shellfishing	Fecal Coliform	10056 2006 2018	VAP-A34E-06 VDH-DSS condemnation 009-142B, 12/22/2004
	Sources: Source Unknown		
<b>Fourmile Run</b>			
TMDL Watershed Name:	Fourmile Run		
TMDL Group ID:	00305		
VAN-A12E_FOU01A00	Fourmile Run	ALEXANDRIA CITY ARLINGTON CO	Segment includes the tidal waters of Fourmile Run; from rivermile 1.46 downstream until the confluence with the Potomac River, at the state line. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	00305 2004 2010	Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 5 samples - 40.0%) were recorded at DEQ's ambient water quality monitoring station (1AFOU000.19) at the George Washington Parkway bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		
Recreation	Fecal Coliform	00305 1996 2010	Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (6 of 17 samples - 35.3%) were recorded at DEQ's ambient water quality monitoring station (1AFOU000.19) at the George Washington Parkway bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Fridley Run		
TMDL Group ID:	01634		
VAV-B47R_FDY01A02	Fridley Run	ROCKINGHAM CO	Fridley Run from the headwaters downstream to its confluence with Mountain Run.
VA Overall AU Category: 5A	Impairment	2.40 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01634	2002 2014
Sources: Atmospheric Deposition - Acidity			
TMDL Group ID:	50063		
VAV-B47R_FDY01A02	Fridley Run	ROCKINGHAM CO	Fridley Run from the headwaters downstream to its confluence with Mountain Run.
VA Overall AU Category: 5A	Impairment	2.40 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	50063	2006 2014 Newly listed for pH in 2006.
Sources: Atmospheric Deposition - Acidity			
TMDL Watershed Name:	Gambo Creek, Upper Machodoc Creek		
TMDL Group ID:	00821		
VAN-A30E_GAM01A02	Gambo Creek	KING GEORGE CO	The Gambo Creek portion of the condemned area described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section A, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: 5A	Impairment	0.16 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00821	1998 2010
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Gap Run		
TMDL Group ID:	30100		
VAN-A04R_GAR01A04	Gap Run	FAUQUIER CO	Segment begins at the confluence with an unnamed tributary to Gap Run, just downstream from Route 712, and continues downstream until the confluence with Goose Creek.
VA Overall AU Category: 5A	Impairment	3.02 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	30100 2004 2016	Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (4 of 9 samples - 44.4%) were recorded at DEQ's ambient water quality monitoring station (1AGAR002.24) at the Route 623 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Gardner Creek		
TMDL Group ID:	00921		
VAP-A33E_GAD01A98	Gardner Creek	WESTMORELAND CO	Described in the condemnation notice 143, 7/2/2002.
			Size adjusted in 2006 cycle
			POTMH
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Shellfishing	Fecal Coliform	00921 1998 2010	VAP-A33E-01
			VDH-DSS condemnation 143, 7/2/2002
			Size adjusted during 2002 cycle, although area did not change
Sources: Source Unknown			
TMDL Watershed Name:	Goldman Creek		
TMDL Group ID:	10052		
VAP-A31E_GLD01A00	Goldman Creek	WESTMORELAND CO	Described in previous condemnation notice 088A .
			POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Shellfishing	Fecal Coliform	10052 2002 2018	VAP-A31E-03
			VDH-DSS Shellfish Condemnation 001-088B, 9/22/2004
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Gooney Run		
TMDL Group ID:	50039		
VAV-B40R_GNY01A00	Gooney Run	WARREN CO	Gooney Run and tributaries from the headwaters downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	17.90 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Temperature, water	50039	2006 2018 Newly listed for temperature in 2006.
Sources: Source Unknown			
TMDL Watershed Name:	Goose Creek		
TMDL Group ID:	00062		
VAN-A08R_GOO01A00	Goose Creek	LOUDOUN CO	Segment begins below the Goose Creek impoundment and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 5D	Impairment	4.77 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00062	2006 2003 A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 31, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septic systems and straight pipes.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas			
Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 13 samples - 38.5%) were recorded at DEQ's ambient water quality monitoring station (1AGOO002.38) at the Route 7 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.			
Segment listed as Category 4A - Federal ID 18813.			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
Potomac and Shenandoah River Basins				
TMDL Watershed Name:		Goose Creek		
TMDL Group ID:		00071		
VAN-A08R_GOO01A00	Goose Creek	LOUDOUN CO	Segment begins below the Goose Creek impoundment and continues downstream until the confluence with the Potomac River.	
VA Overall AU Category: 5D	Impairment	4.77 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category	
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00071	1998 2004	A benthic TMDL for the Goose Creek watershed was approved by the U.S. EPA on April 26, 2004. Goose Creek and Little River are borderline cases of aquatic life impairments. For the most part, they are classified as slightly impaired when compared to their reference sites. The presence of sediment tolerant species in greater abundance in Goose Creek and Little River represents the clearest difference between the impaired sites and their references. It is therefore likely that sediment loads in excess of those found in their references are the cause of the differences observed in the macroinvertebrate communities in Goose Creek and Little River.
Sources: Crop Production (Crop Land or Dry Land) Post-development Erosion and Sedimentation Rangeland Grazing Site Clearance (Land Development or Redevelopment)				
TMDL Group ID:		20022		
VAN-A04R_GOO01A00	Goose Creek	FAUQUIER CO	Segment begins at the confluence with Kettle Run, at rivermile 46.51, and continues downstream until the confluence with Bolling Branch, at rivermile 42.35.	
VA Overall AU Category: 5A	Impairment	4.16 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category	
Recreation	Escherichia coli	20022	2006 2010	Sufficient exceedances of the instantaneous E.coli bacteria criterion (8 of 12 samples - 66.7%) were recorded at DEQ's ambient water quality monitoring station (1AGOO044.36) at the Route 17 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2004.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas				

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Goose Creek	
TMDL Group ID:		60005	
<b>VAN-A05R_GOO02A06</b>	<b>Goose Creek</b>	<b>LOUDOUN CO</b>	Segment begins at the confluence with Panther Skin Creek and continues downstream until the confluence with Rocky Creek.
VA Overall AU Category: <b>5A</b>	Impairment	2.68 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Escherichia coli</b>	60005	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (7 of 13 samples - 53.8%) were recorded at DEQ's ambient water quality monitoring station (1AGOO030.75) at the Route 611 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
<b>VAN-A05R_GOO02B06</b>	<b>Goose Creek</b>	<b>FAUQUIER CO LOUDOUN CO</b>	Segment begins at the confluence with an unnamed tributary to Goose Creek, at rivermile 35.28, and continues downstream until the confluence with Panther Skin Creek.
VA Overall AU Category: <b>5A</b>	Impairment	2.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Escherichia coli</b>	60005	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 8 samples - 37.5%) were recorded at DEQ's ambient water quality monitoring station (1AGOO034.20) at the Route 624 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Group ID:		60011	
<b>VAN-A08R_GOO03A02</b>	<b>Goose Creek</b>	<b>LOUDOUN CO</b>	Segment begins at the confluence with the Little River and extends downstream until the backwaters of the Goose Creek Reservoir, at approximately rivermile 10.2.
VA Overall AU Category: <b>5A</b>	Impairment	3.20 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Escherichia coli</b>	60011	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 13 samples - 30.8%) were recorded at DEQ's ambient water quality monitoring station (1AGOO011.23) at the Route 621 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Goose Creek	
TMDL Group ID:		60130	
VAN-A08L_GOO02A02	Goose Creek Reservoir	LOUDOUN CO	Segment includes the impounded waters north of the Dulles Greenway Road bridge.
VA Overall AU Category: 5A	Impairment 38.00 ACRES	TMDL Group ID 60130	First Listed on 303(d) 2006
Use		TMDL Schedule 2018	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits American eel consumption to no more than two meals per month. The affected area includes the following tributaries in the Potomac River basin between the VA/MD state line near the Route 340 bridge (Loudoun County) to the I-395 bridge (Arlington County); Goose Creek up to the Dulles Greenway Road Bridge, Broad Run up to the Route 625 bridge, Difficult Run up to the Route 7 bridge, and Pimmit Run up to the Route 309 bridge.	
Sources: Source Unknown			
VAN-A08R_GOO01A00	Goose Creek	LOUDOUN CO	Segment begins below the Goose Creek impoundment and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 5D	Impairment 4.77 MILES	TMDL Group ID 60130	First Listed on 303(d) 2006
Use		TMDL Schedule 2018	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits American eel consumption to no more than two meals per month. The affected area includes the following tributaries in the Potomac River basin between the VA/MD state line near the Route 340 bridge (Loudoun County) to the I-395 bridge (Arlington County); Goose Creek up to the Dulles Greenway Road Bridge, Broad Run up to the Route 625 bridge, Difficult Run up to the Route 7 bridge, and Pimmit Run up to the Route 309 bridge.	
Sources: Source Unknown			
TMDL Group ID:		60151	
VAN-A05R_GOO01A00	Goose Creek	LOUDOUN CO	Segment begins at the confluence with Wancopin Creek, at rivermile 23.46, and continues downstream until the confluence with North Fork Goose Creek, at rivermile 16.58.
VA Overall AU Category: 5A	Impairment 6.88 MILES	TMDL Group ID 60151	First Listed on 303(d) 2004
Use		TMDL Schedule 2016	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (4 of 25 samples - 16.0%) were recorded at DEQ's ambient water quality monitoring station (1AGOO022.44) at the Route 734 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.	
Sources: Source Unknown			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Hampton Hall Branch		
TMDL Group ID:	00922		
VAP-A33E_HAM01A02	Hampton Hall Branch, Kinsale Branch	NORTHUMBERLAND CO WESTMORELAND CO	Described in the condemnation notice 007-028C, 7/21/2004. Segment expanded and incorporated the segment VAP-A33E_KIS01A00 in 2006
VA Overall AU Category: 5A			POTMH
Use	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00922	1998 2010 VAP-A33E-07 & 2004 fact sheet VAP-A33E-08 (00924)
			VDH-DSS Shellfish Condemnation Number 28C, 7/11/2002
			During the 2006 cycle, the Hampton Hall Branch condemnation expanded and merged the impairments on Hampton Hall Branch and Kinsale Branch, now called impairments 00922/VAP-A33E-07
Sources: Source Unknown			
TMDL Watershed Name:	Happy Creek		
TMDL Group ID:	01624		
VAV-B41R_HPY01A00	Happy Creek	WARREN CO	Happy Creek from the Front Royal Public Water Intake downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5A			
Use	Impairment	5.67 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01624	2004 2016
		Sources: Non-Point Source Wildlife Other than Waterfowl	
VAV-B41R_HPY02A00	Happy Creek	WARREN CO	Happy Creek from the headwaters downstream to the Front Royal Public Water Intake.
VA Overall AU Category: 5A			
Use	Impairment	2.80 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01624	2004 2016
		Sources: Non-Point Source Wildlife Other than Waterfowl	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Headly Cove		
TMDL Group ID:	85011		
VAP-A34E_HEA01A98	Headly Cove	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 2/25/1997.  POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	85011	1998 2010 VAP-A34E-05
Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).			
Sources: Non-Point Source			
TMDL Watershed Name:	Hogue Creek		
TMDL Group ID:	00315		
VAV-B06R_HOC01A00	Hogue Creek	FREDERICK CO	Hogue Creek from the headwaters downstream to its confluence with Back Creek.
VA Overall AU Category: 5A	Impairment	16.58 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Temperature, water	00315	1998
By letter from the Virginia Department of Game and Inland Fisheries, this water is not considered a cold water fishery. The temperature impairment will move from Category 5A - Impaired and needing a TMDL to Category 4C - Impaired, not needing a TMDL due to natural conditions.			
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Group ID:	01595		
VAV-B06R_HOC01A00	Hogue Creek	FREDERICK CO	Hogue Creek from the headwaters downstream to its confluence with Back Creek.
VA Overall AU Category: 5A	Impairment	16.58 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	01595	2002 2014
Sources: Non-Point Source Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Holmes Run	
TMDL Group ID:		00795	
VAN-A13R_HOR01A00	Holmes Run	ALEXANDRIA CITY FAIRFAX CO	Segment begins at the mouth of Lake Barcroft and continues downstream until the confluence with Backlick Run.
VA Overall AU Category: 5A	Impairment	3.59 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00795	2004 2016 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (2 of 8 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (1AHOR001.04) at the Pickett Street bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Group ID:		00796	
VAN-A13R_HOR01B00	Holmes Run	FAIRFAX CO	Segment begins at the headwaters of Holmes Run and continues downstream until the start of Lake Barcroft.
VA Overall AU Category: 5A	Impairment	5.80 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00796	2004 2016 DEQ benthic macroinvertebrate biological monitoring finds this segment to be moderately impaired.
Sources: Source Unknown			
TMDL Watershed Name:		Hunting Creek	
TMDL Group ID:		00306	
VAN-A13E_HUT01A02	Hunting Creek/Potomac River/Belle Haven	ALEXANDRIA CITY FAIRFAX CO	Segment includes all tidal waters of Hunting Creek; beginning at the Route 241 (Telegraph Road) bridge crossing and continuing downstream until the confluence with the Potomac River, to include the embayment. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	1.36 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00306	2006 2010 Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 12 samples - 41.7%) were recorded at DEQ's ambient water quality monitoring station (1AHUT000.01) at the George Washington Parkway bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Indian Run		
TMDL Group ID:	60135		
VAN-A14R_INA01A06	Indian Run	FAIRFAX CO	Segment begins at the headwaters of Indian Run and continues downstream until the confluence with Backlick Run.
VA Overall AU Category: 5A	Impairment	2.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	60135	2006 2018 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 7/27/04, limits consumption of creek chub to no more than two meals per month. The affected area includes the entire portion of Indian Run, from the headwaters until the confluence with Backlick Run.
Sources: Source Unknown			
TMDL Watershed Name:	Jackson Creek		
TMDL Group ID:	00923		
VAP-A33E_JCK01A98	Jackson Creek	WESTMORELAND CO	Described in the condemnation notice 144, 7/2/2002 POTMH Square mileage adjusted in 2006, although area did not change
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00923	1998 2010 VAP-A33E-03 VDH-DSS condemnation 144, 7/2/2002 Square mileage adjusted in 2006 although area did not change.
Sources: Source Unknown			
TMDL Watershed Name:	Jeremy's Run		
TMDL Group ID:	01623		
VAV-B40R_JER01A00	Jeremy's Run	PAGE CO	Jeremy's Run from the headwaters downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	10.97 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01623	2004 2016
Sources: Atmospheric Deposition - Acidity			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Johns Run		
TMDL Group ID:	50059		
VAV-B31R_JHN01A00	Johns Run	AUGUSTA CO	Johns Run from the headwaters downstream to its confluence with South River.
VA Overall AU Category: 5A	Impairment	4.89 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	50059 2006 2018	Newly listed for pH in 2006.
Sources: Atmospheric Deposition - Acidity			
TMDL Watershed Name:	Kennedy Creek		
TMDL Group ID:	50060		
VAV-B31R_KND01A00	Kennedy Creek	AUGUSTA CO	Kennedy Creek and tributaries from the headwaters downstream to its confluence with Coles Run.
VA Overall AU Category: 5A	Impairment	8.05 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	50060 2006 2018	Newly listed for pH in 2006.
Sources: Atmospheric Deposition - Acidity			
TMDL Watershed Name:	Kettle Run		
TMDL Group ID:	00230		
VAN-A19R_KET01A00	Kettle Run	PRINCE WILLIAM CO	Segment begins at the confluence with an unnamed tributary to Kettle Run, approximately 0.08 rivermile upstream from Route 708, and continues downstream until the confluence with Broad Run.
VA Overall AU Category: 5A	Impairment	7.59 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00230 2006 2010	Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 14 samples - 28.6%) were recorded at DEQ's ambient water quality monitoring station (1AKET002.06) at the Route 611 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Kettle Run		
TMDL Group ID:	60053		
<b>VAN-A19R_KET02A04</b>	<b>Kettle Run</b>	FAUQUIER CO	Segment begins at the confluence with an unnamed tributary to Kettle Run, just upstream from Route 602, and continues downstream until the confluence with another unnamed tributary to Kettle Run, at approximately rivermile 10.5.
VA Overall AU Category: <b>5A</b>	Impairment	3.46 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Escherichia coli</b>	60053	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 12 samples - 33.3%) were recorded at DEQ's special study station (1AKET012.03) at the Route 761 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Killneck Creek		
TMDL Group ID:	00173		
<b>VAP-A34E_KNC01A98</b>	<b>Killneck Creek</b>	NORTHUMBERLAND CO	Described in the condemnation notice 8-214B, 12/29/2003.  POTMH
VA Overall AU Category: <b>5D</b>	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	<b>Fecal Coliform</b>	00173	<b>1998</b> <b>2004</b> VAP-A34E-02  VDH-DSS Condemnation 8-214B, 12/29/2003  The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,." which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.
Sources: Non-Point Source			
TMDL Group ID:	10059		
<b>VAP-A34E_KIN04A06</b>	<b>Kingscote Creek</b>	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 008-213A, 12/29/2003  POTMH
VA Overall AU Category: <b>5A</b>	Impairment	0.06 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	<b>Fecal Coliform</b>	10059	<b>2006</b> <b>2018</b> VAP-A34E-21  VDH-DSS condemnation 008-213A, 12/29/2003
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Killneck Creek		
TMDL Group ID:	10059		
VAP-A34E_KNC01B06	Killneck Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 8-214A, 12/29/2003
VA Overall AU Category: 5A			POTMH
Use	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	10059 2006 2018	VAP-A34E-20
			VDH Shellfish Condemnation 8-214A, 12/29/2003
	Sources: Source Unknown		
TMDL Watershed Name:	Laurel Run		
TMDL Group ID:	01639		
VAV-B49R_LAR01A00	Laurel Run	SHENANDOAH CO	Laurel Run from the headwaters downstream to its confluence with Stony Creek.
VA Overall AU Category: 5A			
Use	Impairment	5.13 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01639 2002 2016	
	Sources: Atmospheric Deposition - Acidity		
TMDL Watershed Name:	Lewis Creek		
TMDL Group ID:	00007		
VAV-B12R_LEW01A00	Lewis Creek	AUGUSTA CO STAUNTON CITY	Lewis Creek south of the Staunton City boundary near the power line crossing downstream to its confluence with Middle River.
VA Overall AU Category: 5D			
Use	Impairment	9.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00007 2004 2004	Category 4A - Federal TMDL ID # 7677
	Sources: Municipal (Urbanized High Density Area) Non-Point Source Wildlife Other than Waterfowl		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Lewis Creek		
TMDL Group ID:	00239		
VAV-B12R_LEW01A00	Lewis Creek	AUGUSTA CO STAUNTON CITY	Lewis Creek south of the Staunton City boundary near the power line crossing downstream to its confluence with Middle River.
VA Overall AU Category: 5D	Impairment	9.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00239	1996 2004 Category 4A - Federal TMDL ID # 7676
Sources: Non-Point Source			
TMDL Group ID:	00617		
VAV-B12R_LEW01A00	Lewis Creek	AUGUSTA CO STAUNTON CITY	Lewis Creek south of the Staunton City boundary near the power line crossing downstream to its confluence with Middle River.
VA Overall AU Category: 5D	Impairment	9.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	00617	2004 2016
Sources: Inappropriate Waste Disposal Municipal (Urbanized High Density Area)			
TMDL Watershed Name:	Lewis Run, Lower		
TMDL Group ID:	50062		
VAV-B33R_LLW01A00	Lower Lewis Run	ROCKINGHAM CO	Lower Lewis Run from the headwaters downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	3.67 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	50062	2006 2018 Newly listed for pH in 2006.
Sources: Atmospheric Deposition - Acidity			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Licking Run		
TMDL Group ID:	60049		
<b>VAN-A17R_LIL02A04</b>	<b>Licking Run</b>	<b>FAUQUIER CO</b>	Segment begins at the boundary of the PWS designation area, at rivermile 11.32, and continues downstream until the start of Germantown Lake.
VA Overall AU Category: <b>5A</b>	Impairment	3.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	60049	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 14 samples - 28.6%) were recorded at DEQ's ambient water quality monitoring station (1ALIL008.23) at the Route 663 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
<b>VAN-A17R_LIL02B06</b>	<b>Licking Run</b>	<b>FAUQUIER CO</b>	Segment begins at the headwaters of Licking Run and continues downstream until the boundary of the PWS designation area, at rivermile 11.32.
VA Overall AU Category: <b>5A</b>	Impairment	3.28 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	60049	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 14 samples - 28.6%) were recorded at DEQ's ambient water quality monitoring station (1ALIL008.23) at the Route 663 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Limestone Branch, Unnamed Tributary		
TMDL Group ID:	60002		
<b>VAN-A03R_XAQ01A04</b>	<b>Unnamed Tributary to Limestone Branch</b>	<b>LOUDOUN CO</b>	Segment begins at the boundary of the PWS area designation, just upstream of the Route 661 bridge, and continues downstream until the confluence with Limestone Branch.
VA Overall AU Category: <b>5A</b>	Impairment	0.87 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	60002	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (8 of 12 samples - 66.7%) were recorded at DEQ's ambient water quality monitoring station (1AXAQ000.85) at the Route 661 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Limestone Branch, Unnamed Tributary		
TMDL Group ID:	60002		
<b>VAN-A03R_XAQ01B06</b>	<b>Unnamed Tributary to Limestone Branch</b>	<b>LOUDOUN CO</b>	Segment begins at the confluence with an unnamed tributary and continues downstream until the boundary of the PWS area designation, just upstream of the Route 661 bridge.
VA Overall AU Category: <b>5A</b>	Impairment	1.03 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	60002	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (8 of 12 samples - 66.7%) were recorded at DEQ's ambient water quality monitoring station (1AXAQ000.85) at the Route 661 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Line Run		
TMDL Group ID:	50235		
<b>VAV-B37R_LIN01A06</b>	<b>Line Run</b>	<b>PAGE CO</b>	Line Run from the headwaters downstream to its confluence with Honey Run.
VA Overall AU Category: <b>5A</b>	Impairment	3.92 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	50235	<b>2006</b> <b>2018</b> Newly listed for bacteria in 2006.
Sources: Non-Point Source Wildlife Other than Waterfowl			
TMDL Watershed Name:	Little Creek		
TMDL Group ID:	60071		
<b>VAN-A26R_LIE01A02</b>	<b>Little Creek</b>	<b>PRINCE WILLIAM CO</b>	Segment begins at the headwaters of Little Creek and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: <b>5A</b>	Impairment	3.78 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	60071	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (7 of 11 samples - 63.6%) were recorded at DEQ's ambient water quality monitoring station (1ALIE000.52) at the Geiger Road bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Little Dry River		
TMDL Group ID:	01628		
VAV-B43R_LTD01A00	Little Dry River	ROCKINGHAM CO	Little Dry River and tributaries from the headwaters downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	34.74 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	01628 2004 2016	
	Sources: Non-Point Source Wildlife Other than Waterfowl		
TMDL Group ID:	01629		
VAV-B43R_LTD01A00	Little Dry River	ROCKINGHAM CO	Little Dry River and tributaries from the headwaters downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	34.74 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	pH	01629 2004 2016	
	Sources: Atmospheric Deposition - Acidity		
TMDL Watershed Name:	Little Hunting Creek		
TMDL Group ID:	00798		
VAN-A14E_LIF01A00	Little Hunting Creek	FAIRFAX CO	Segment includes all tidal waters of Little Hunting Creek, extending from approximately rivermile 1.7 downstream until the confluence with the Potomac River. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	0.25 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	00798 2006 2016	
	Sources: Source Unknown		Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 12 samples - 16.7%) were recorded at DEQ's ambient water quality monitoring station (1ALIF000.19) at the George Washington Parkway bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2004.

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Little River		
TMDL Group ID:	60012		
VAN-A08R_LIV02A06	Little River	FAUQUIER CO LOUDOUN CO	Segment begins the confluence with Bartons Creek and continues downstream until the confluence with Hungry Run, approximately 1.5 rivermiles upstream from Route 50 near Aldie.
VA Overall AU Category: 5A	Impairment	6.72 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	60012	2006 2018 Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 6 samples - 83.3%) were recorded at DEQ's ambient water quality monitoring station (1ALIV006.92) at the Route 629 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Little Stony Creek		
TMDL Group ID:	01640		
VAV-B49R_LSC01A00	Little Stony Creek	SHENANDOAH CO	Little Stony Creek from the headwaters downstream to its confluence with Stony Creek.
VA Overall AU Category: 5A	Impairment	6.53 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01640	2004 2016
Sources: Atmospheric Deposition - Acidity			
TMDL Watershed Name:	Little Wicomico River		
TMDL Group ID:	00158		
VAP-A34E_LIS01A98	Little Wicomico River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 105B, 6/10/1997 CB5MH
VA Overall AU Category: 5D	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Shellfishing	Fecal Coliform	00158	1998 2003 Category 4A VAP-A34E-16 A segment of the Little Wicomico River was assessed as impaired in 1998 based on VDH SFC105B 6/10/1997. During the 2004 cycle, the segment expanded b/c of VDH-DSS Condemnation Notice 105A, 6/21/2002. However, the 2003 TMDL only covered the original 1998 impairment, which will be classified as Cat. 4A.
Sources: Non-Point Source			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Little Wicomico River	
TMDL Group ID:		10026	
VAP-A34R_LIS01A06	Little Wicomico River	NORTHUMBERLAND CO	Headwaters to tidal limit
VA Overall AU Category: 5C	Impairment	2.36 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	10026	2006 2018 VAP-A34R-02
The nontidal portion of Little Wicomico River is considered not supporting the Aquatic Life Use due to a pH violation rate of 2/11 at 1ALIS007.20. Natural conditions are suspected.			
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Group ID:		10066	
VAP-A34E_LIS01A06	Little Wicomico River	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 010-105B, 9/15/2004 not otherwise segmented
CB5MH			
VA Overall AU Category: 5A	Impairment	0.15 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	10066	2006 2018 VAP-A34E-30
VDH Shellfish condemnation 010-105B, 9/15/2004 was expanded during the 2006 cycle. This AU only includes the 2006 expansion; the TMDL is due in 2018.			
Sources: Source Unknown			
TMDL Group ID:		10067	
VAP-A34E_LIS01A02	Little Wicomico River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 105A, 6/21/2002, not otherwise segmented
Size increased by 0.01 sq. mi. in 2004 cycle.			
CB5MH			
VA Overall AU Category: 5A	Impairment	0.27 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	10067	2006 2018 VAP-A34E-31
The segment is considered impaired of the Recreation Use due to an enterococci violation rate of 2/4 at 1ALIS004.20			
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Little Wicomico River		
TMDL Group ID:	10067		
VAP-A34E_LIS01A98	Little Wicomico River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 105B, 6/10/1997 CB5MH
VA Overall AU Category: 5D	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Enterococcus	10067	2006 2018 VAP-A34E-31
The segment is considered impaired of the Recreation Use due to an enterococci violation rate of 2/4 at 1ALIS004.20			
Sources: Source Unknown			
TMDL Group ID:	85001		
VAP-A34E_LIS01A02	Little Wicomico River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 105A, 6/21/2002, not otherwise segmented Size increased by 0.01 sq. mi. in 2004 cycle. CB5MH
VA Overall AU Category: 5A	Impairment	0.27 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Shellfishing	Fecal Coliform	85001	2004 2016 VAP-A34E-16
A segment of the Little Wicomico River was assessed as impaired in 1998 based on VDH SFC105B 6/10/1997. During the 2004 cycle, the segment expanded b/c of VDH-DSS Condemnation Notice 105A, 6/21/2002. However, the 2003 TMDL only covered the original 1998 impairment.. The TMDL for the expansion is due in 2016.			
Sources: Non-Point Source			
TMDL Watershed Name:	Little Wicomico River: Slough Creek		
TMDL Group ID:	10064		
VAP-A34E_LIS05A98	Little Wicomico River: Slough Creek	NORTHUMBERLAND CO	Described in the condemnation notice 010-105E, 9/15/2004. Expanded in 2006 cycle. CB5MH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Shellfishing	Fecal Coliform	10064	2006 2018 VAP-A34E-28
VDH-DSS Condemnation Notice 010-105E, 9/15/2004			
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Lodge Creek		
TMDL Group ID:	00925		
VAP-A33E_LOG02A98	Lodge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 007-028F, 7/21/2004.  Expanded in 2004 and incorporated previous 2002 LOG03A00 segment. Sq. mileage adjusted in 2006, although area has not changed.  POMTH
VA Overall AU Category: 5A	Impairment	0.25 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00925	1998 2010 VAP-A33E-10
			VDH-DSS Shellfish Condemnation 007-028F, 7/21/2004  The segment was enlarged in 2004 and combined two previous Lodge Creek segments into one condemnation. During the 2006 cycle, the square mileage was adjusted although the area did not change.
Sources: Source Unknown			
TMDL Group ID:	10053		
VAP-A33E_LOG01A98	Lodge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 007-028H, 7/14/2004.  POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Enterococcus	10053	2006 2018 VAP-A33E-04
			Lodge Creek from its tidal limit downstream to the end of VDH-DSS condemnation 007-028F, 7/21/2004 was assessed as not supporting the Recreation Use due to an enterococci violation rate of 3/9 at 1ALOG001.20.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Lodge Creek		
TMDL Group ID:	10053		
VAP-A33E_LOG02A98	Lodge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 007-028F, 7/21/2004.  Expanded in 2004 and incorporated previous 2002 LOG03A00 segment. Sq. mileage adjusted in 2006, although area has not changed.  POMTH
VA Overall AU Category: 5A	Impairment	0.25 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Enterococcus		10053 2006 2018 VAP-A33E-04
			Lodge Creek from its tidal limit downstream to the end of VDH-DSS condemnation 007-028F, 7/21/2004 was assessed as not supporting the Recreation Use due to an enterococci violation rate of 3/9 at 1ALOG001.20.  The fecal coliform violation rate was 0/20, therefore additional monitoring is recommended to confirm the impairment.
Sources: Source Unknown			
TMDL Watershed Name:	Long Branch		
TMDL Group ID:	01647		
VAV-B57R_LNG01A04	Long Branch	CLARKE CO	Long Branch from the headwaters downstream to its confluence with the Shenandoah River.
VA Overall AU Category: 5A	Impairment	3.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform		01647 2004 2016
		Sources: Non-Point Source Wildlife Other than Waterfowl	
TMDL Watershed Name:	Long Meadow Run		
TMDL Group ID:	01630		
VAV-B45R_LOM01A00	Long Meadow Run	ROCKINGHAM CO	Long Meadow Run from the headwaters downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	8.56 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)		01630 2002 2014
		Sources: Source Unknown	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Long Meadow Run		
TMDL Group ID:	50045		
VAV-B14R_LMR01A00	Long Meadow Run	AUGUSTA CO	Long Meadow Run and tributary from the headwaters downstream to its confluence with Christians Creek.
VA Overall AU Category: 5D	Impairment 10.08 MILES	TMDL Group ID 50045	First Listed on 303(d) 2006
Use Aquatic Life	Temperature, water	TMDL Schedule 2018	Impairment Specific Comments and/or Impairment Specific VA Category
			Newly listed for temperature in 2006.
			Category 5C
Sources: Source Unknown			
TMDL Group ID:	50232		
VAV-B14R_LMR01A00	Long Meadow Run	AUGUSTA CO	Long Meadow Run and tributary from the headwaters downstream to its confluence with Christians Creek.
VA Overall AU Category: 5D	Impairment 10.08 MILES	TMDL Group ID 50232	First Listed on 303(d) 2006
Use Recreation	Escherichia coli	TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category
			According to Section 7.2, Rule 3 of the 2006 Virginia Water Quality Assessment Guidance, this water is categorized as 4A based on its inclusion within the geographical area covered by the Christians Creek TMDL for bacteria.
			Newly impaired for bacteria in 2006.
			Category 4A - Federal TMDL ID # 17969
Sources: Non-Point Source			
TMDL Watershed Name:	Loves Run		
TMDL Group ID:	50057		
VAV-B30R_LOV01A00	Loves Run	AUGUSTA CO	Loves Run from the headwaters downstream to its confluence with South River.
VA Overall AU Category: 5A	Impairment 5.06 MILES	TMDL Group ID 50057	First Listed on 303(d) 2006
Use Aquatic Life	pH	TMDL Schedule 2018	Impairment Specific Comments and/or Impairment Specific VA Category
			Newly listed for pH in 2006.
Sources: Atmospheric Deposition - Acidity			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Machodoc Creek, Lower		
TMDL Group ID:	00914		
VAP-A32E_LOW01A04	Lower Machodoc Creek	WESTMORELAND CO	As described in VDH condemnation notice 083A, 12/18/2002.  Listed in 1998. Mileage adjusted in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.51 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform		TMDL Schedule
		00914	Impairment Specific Comments and/or Impairment Specific VA Category
		1998	VAP-A32E-08
		2010	VDH Shellfish Condemnation 083A, 12/18/2002
Sources: Source Unknown			
TMDL Watershed Name:	Machodoc Creek, Upper		
TMDL Group ID:	00822		
VAN-A30E_UMC01B06	Upper Machodoc Creek	KING GEORGE CO	The Upper Machodoc Creek portion of the condemned area described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section A, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: 5A	Impairment	0.07 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform		TMDL Schedule
		00822	Impairment Specific Comments and/or Impairment Specific VA Category
		1998	The shellfishing use is categorized as impaired due to a Virginia Department of Health, Division of Shellfish Sanitation, Notice and Description of Shellfish Area Condemnation Number 001A-036, Upper Machodoc Creek. The advisory, dated 7/15/04, states, "It shall be unlawful for any person, firm, or corporation to take shellfish from these areas for any purpose, except by permit granted by the Marine Resources Commission, as provided in Section 28.2-810 of the Code of Virginia."
		2010	
Sources: Source Unknown			
VAN-A30E_UMC02A04	Upper Machodoc Creek	PRINCE GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section B, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform		TMDL Schedule
		00822	Impairment Specific Comments and/or Impairment Specific VA Category
		2004	The shellfishing use is categorized as impaired due to a Virginia Department of Health, Division of Shellfish Sanitation, Notice and Description of Shellfish Area Condemnation Number 001A-036, Upper Machodoc Creek. The advisory, dated 7/15/04, states, "It shall be unlawful for any person, firm, or corporation to take shellfish from these areas for any purpose, except by permit granted by the Marine Resources Commission, as provided in Section 28.2-810 of the Code of Virginia."
		2010	
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Machodoc Creek, Upper	
TMDL Group ID:		00822	
VAN-A30E_UMC05A02	Upper Machodoc Creek	KING GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section D, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: 5A	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00822	1998 2010 The shellfishing use is categorized as impaired due to a Virginia Department of Health, Division of Shellfish Sanitation, Notice and Description of Shellfish Area Condemnation Number 001A-036, Upper Machodoc Creek. The advisory, dated 7/15/04, states, "It shall be unlawful for any person, firm, or corporation to take shellfish from these areas for any purpose, except by permit granted by the Marine Resources Commission, as provided in Section 28.2-810 of the Code of Virginia."
Sources: Source Unknown			
TMDL Group ID:		00823	
VAN-A30E_UMC05A02	Upper Machodoc Creek	KING GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section D, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: 5A	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	00823	2002 2014 Two of 17 samples (11.8%) were below the lower range (6.0 - 9.0 SU) of the pH water quality criteria for Class II waters as established in 9 VAC 25-260-50 of the Virginia Water Quality Standards. As a result, the aquatic life use was assessed as not supporting the Clean Water Act (CWA) use goal.
Sources: Source Unknown			
TMDL Group ID:		00828	
VAN-A30R_UMC01A00	Upper Machodoc Creek	KING GEORGE CO	Segment begins at the confluence with Pepper Mill Creek, approximately 0.75 rivermile upstream from Route 301, and continues downstream until the end of the free-flowing waters of Upper Machodoc Creek.
VA Overall AU Category: 5A	Impairment	2.19 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	00828	2004 2016 Although the data obtained during the 2006 assessment window shows exceedances of the instantaneous pH criterion (1 of 5 samples - 20.0%) is categorized as insufficient information, no data has been collected from the DEQ's ambient water quality monitoring station (1AUMC009.61) at Route 301 since the previous assessment window. The segment shall remain categorized as impaired. For the 2004 assessment, two of 12 samples (16.7%) were below the lower range (6.0 - 9.0 SU) of the pH water quality criteria for Class III waters as established in 9 VAC 25-260-50 of the Virginia Water Quality Standards.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Machodoc Creek, Upper		
TMDL Group ID:	00829		
<b>VAN-A30R_UMC01A00</b>	<b>Upper Machodoc Creek</b>	KING GEORGE CO	Segment begins at the confluence with Pepper Mill Creek, approximately 0.75 rivermile upstream from Route 301, and continues downstream until the end of the free-flowing waters of Upper Machodoc Creek.
VA Overall AU Category: <b>5A</b>	Impairment	2.19 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	00829	<b>2004</b> <b>2016</b> Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (2 of 7 samples - 28.6%) were recorded at DEQ's ambient water quality monitoring station (1AUMC009.61) at the Route 301 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Group ID:	60070		
<b>VAN-A30E_UMC05A02</b>	<b>Upper Machodoc Creek</b>	KING GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section D, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Enterococcus</b>	60070	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous enterococcus bacteria criterion (3 of 10 samples - 30.0%) were recorded at DEQ's ambient water quality monitoring station (1AUMC004.43) at the Route 218 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Manassas Run		
TMDL Group ID:	01625		
<b>VAV-B55R_MAN01A00</b>	<b>Manassas Run</b>	WARREN CO	Manassas Run from the Route 647 bridge crossing downstream to its confluence with the Shenandoah River.
VA Overall AU Category: <b>5A</b>	Impairment	4.97 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	01625	<b>2004</b> <b>2016</b>
Sources: Non-Point Source Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Manassas Run		
TMDL Group ID:	01625		
VAV-B55R_MAN02A04	Manassas Run	WARREN CO	Manassas Run and tributaries from the headwaters downstream to the Route 647 bridge crossing.
VA Overall AU Category: 5A	Impairment	4.20 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	01625 2004 2016	
	Sources: Non-Point Source Wildlife Other than Waterfowl		
<b>Mattox Creek</b>			
TMDL Watershed Name:	Mattox Creek		
TMDL Group ID:	00238		
VAP-A31E_MAO01A98	Mattox Creek	WESTMORELAND CO	Described in the condemnation notice 002-001B, 11/15/2004. Segment expanded in 2006 cycle. POTMH
VA Overall AU Category: 5A	Impairment	0.63 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Enterococcus	00238 2006 2010	VAP-A31E-06
	Sources: Source Unknown		The segment was initially listed in 1996 based on excessive fecal coliform standards at the Route 205 bridge (1AMAO004.08). The segment was adjusted during the 2006 cycle to be coincident with VDH-DSS Shellfish Condemnation 001B, 11/15/2004. During the 2006 cycle, the Recreation Use impairment switched to Enterococci with a violation rate of 5/12 at 1AMAO004.08.

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Mattox Creek		
TMDL Group ID:	00238		
VAP-A31E_MAO03A04	Mattox Creek	WESTMORELAND CO	As described in VDH Condemnation 002-001E, 11/15/04 Prohibited zone  POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Enterococcus	00238 2006 2010	VAP-A31E-06  The segment was initially listed in 1996 based on excessive fecal coliform standards at the Route 205 bridge (1AMAO004.08).  The segment was adjusted during the 2006 cycle to be coincident with VDH-DSS Shellfish Condemnation 001B, 11/15/2004.  During the 2006 cycle, the Recreation Use impairment switched to Enterococci with a violation rate of 5/12 at 1AMAO004.08.
Sources: Source Unknown			
TMDL Group ID:	00646		
VAP-A31R_MAO01A98	Mattox Creek	KING GEORGE CO WESTMORELAND CO	Mainstem and tributaries above the limit of tide.
VA Overall AU Category: 5A	Impairment	32.10 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	pH	00646 2002 2014	VAP-A31R-02  The segment was assessed during the 1998 cycle as threatened of the Aquatic Life use support goal based on pH violations at the Route 627 bridge (1AMAO007.46). During the year 2002 cycle, the segment was downgraded based on the results of a special study and the segment length was revised to end at the tidal limit. The pH TMDL is due in 2014. During the 2006 cycle, additional monitoring in the watershed confirmed the pH impairment and also indicated a DO impairment. See below. The DO TMDL is due in 2018.  1AMAO007.46 - pH 14/18 1AMAO010.27 - DO 5/18, pH 16/18 1AKIG000.62 - DO 2/18, pH 14/18 1ACOW000.38 - pH 15/18 1AXFF001.61 - pH 7/18
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Mattox Creek		
TMDL Group ID:	00678		
VAP-A31E_MAO01A98	Mattox Creek	WESTMORELAND CO	Described in the condemnation notice 002-001B, 11/15/2004.  Segment expanded in 2006 cycle.  POTMH
VA Overall AU Category: 5A	Impairment	0.63 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00678	1996
			TMDL Schedule
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A31E-06
			The segment was initially listed in 1996 based on excessive fecal coliform standards at the Route 205 bridge (1AMAO004.08).
			The segment was adjusted during the 2006 cycle to be coincident with VDH-DSS Shellfish Condemnation 001B, 11/15/2004.
Sources: Source Unknown			
TMDL Group ID:	00907		
VAP-A31R_MAO01A98	Mattox Creek	KING GEORGE CO WESTMORELAND CO	Mainstem and tributaries above the limit of tide.
VA Overall AU Category: 5A	Impairment	32.10 MILES	TMDL Group ID
Use			First Listed on 303(d)
Recreation	Fecal Coliform	00907	2002
			TMDL Schedule
			2014
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A31R-02
			The segment was assessed during the year 2002 cycle as not supporting of the Recreation use goal based on fecal coliform violations at 1AMAO007.46. The fecal coliform TMDL is due in 2014. The FC violation rate for the 2006 cycle is 4/19 and the segment remains impaired for FC. However, the new E. coli violation rate was acceptable (0/11), therefore additional monitoring for E. coli is recommended.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Mattox Creek		
TMDL Group ID:	10021		
VAP-A31R_MAO01A98	Mattox Creek	KING GEORGE CO WESTMORELAND CO	Mainstem and tributaries above the limit of tide.
VA Overall AU Category: 5A	Impairment 32.10 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	10021 2006 2018	VAP-A31R-02  The segment was assessed during the 1998 cycle as threatened of the Aquatic Life use support goal based on pH violations at the Route 627 bridge (1AMAO007.46). During the year 2002 cycle, the segment was downgraded based on the results of a special study and the segment length was revised to end at the tidal limit. The pH TMDL is due in 2014. During the 2006 cycle, additional monitoring in the watershed confirmed the pH impairment and also indicated a DO impairment. See below. The DO TMDL is due in 2018.  1AMAO007.46 - pH 14/18 1AMAO010.27 - DO 5/18, pH 16/18 1AKIG000.62 - DO 2/18, pH 14/18 1ACOW000.38 - pH 15/18 1AXFF001.61 - pH 7/18  The segment was also assessed during the year 2002 cycle as not supporting of the Recreation use goal based on fecal coliform violation sat 1AMAO007.46. The fecal coliform TMDL is due in 2014. The FC violation rate for the 2006 cycle is 4/19 and the segment remains impaired for FC. However, the new E. coli violation rate was acceptable (0/11), therefore additional monitoring for E. coli is recommended.
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Watershed Name:	Meadow Run		
TMDL Group ID:	01615		
VAV-B32R_MDW01A00	Meadow Run	AUGUSTA CO	Meadow Run from the headwaters downstream to the end of surface flow.
VA Overall AU Category: 5A	Impairment 6.87 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01615 2004 2016	
Sources: Atmospheric Deposition - Acidity			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Mill Creek		
TMDL Group ID:	00251		
VAV-B48R_MIL01A00	Mill Creek	SHENANDOAH CO	Mill Creek from its confluence with Crooked Run downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	2.81 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00251	2002 2016
Sources: Source Unknown			
VAV-B48R_MIL02A04	Mill Creek	SHENANDOAH CO	Mill Creek from its confluence with Straight Run downstream to its confluence with Crooked Run.
VA Overall AU Category: 5A	Impairment	4.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00251	1998 2016
Sources: Source Unknown			
VAV-B48R_MIL03A04	Mill Creek	ROCKINGHAM CO SHENANDOAH CO	Mill Creek from the headwaters downstream to its confluence with Straight Run.
VA Overall AU Category: 5A	Impairment	7.39 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00251	1998 2016
Sources: Source Unknown			
TMDL Group ID:	00926		
VAP-A33E_MIA01A98	Mill Creek	NORTHUMBERLAND CO	Described in the condemnation notice 07/21/2004. Segment expanded in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.15 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00926	1998 2010 VAP-A33E-09 VDH-DSS Condemnation 007-028E, 07/21/2004 Segment expanded in 2006
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Mill Creek		
TMDL Group ID:	00928		
VAP-A33R_MIA01A00	Mill Creek	NORTHUMBERLAND CO	From its headwaters to Courtney Millpond.
VA Overall AU Category: 5A	Impairment	3.95 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	pH	00928	2002 2014 VAP-A33R-01
During the 2004 cycle, Mill Creek was assessed not supporting of the Aquatic Life use support goal based on a pH standard violation rate of 3/20 at Route 202 (1AMIA004.12).			
There has been no additional monitoring since 2001.			
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Group ID:	00929		
VAP-A33R_MIA01A00	Mill Creek	NORTHUMBERLAND CO	From its headwaters to Courtney Millpond.
VA Overall AU Category: 5A	Impairment	3.95 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00929	2002 2014 VAP-A33R-01
During the 2004 cycle, Mill Creek was assessed not supporting of the Recreation use goal based on a fecal coliform violation rate of 6/20 at Route 202 (1AMIA004.12).			
There has been no additional monitoring since 2001.			
Sources: Source Unknown			
TMDL Group ID:	01636		
VAV-B48R_MIL01A00	Mill Creek	SHENANDOAH CO	Mill Creek from its confluence with Crooked Run downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	2.81 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	01636	1998 2010
Sources: Non-Point Source Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Mill Creek		
TMDL Group ID:	01636		
VAV-B48R_MIL02A04	Mill Creek	SHENANDOAH CO	Mill Creek from its confluence with Straight Run downstream to its confluence with Crooked Run.
VA Overall AU Category: 5A	Impairment	4.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	01636 2002 2016	
Sources: Wildlife Other than Waterfowl			
VAV-B48R_MIL03A04	Mill Creek	ROCKINGHAM CO SHENANDOAH CO	Mill Creek from the headwaters downstream to its confluence with Straight Run.
VA Overall AU Category: 5A	Impairment	7.39 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	01636 2002 2016	
Sources: Non-Point Source Wildlife Other than Waterfowl			
TMDL Group ID:	01637		
VAV-B48R_MIL01A00	Mill Creek	SHENANDOAH CO	Mill Creek from its confluence with Crooked Run downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	2.81 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Temperature, water	01637 2004	By letter from the Virginia Department of Game and Inland Fisheries, this water is not considered a cold water fishery. The temperature impairment will move from Category 5A - Impaired and needing a TMDL to Category 4C - Impaired, not needing a TMDL due to natural conditions.
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
VAV-B48R_MIL02A04	Mill Creek	SHENANDOAH CO	Mill Creek from its confluence with Straight Run downstream to its confluence with Crooked Run.
VA Overall AU Category: 5A	Impairment	4.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Temperature, water	01637 2004	By letter from the Virginia Department of Game and Inland Fisheries, this water is not considered a cold water fishery. The temperature impairment will move from Category 5A - Impaired and needing a TMDL to Category 4C - Impaired, not needing a TMDL due to natural conditions.
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Mill Creek		
TMDL Group ID:	85012		
VAP-A34E_MII01A06	Mill Creek	NORTHUMBERLAND CO	Tidal limit to mouth at Coan River POTMH
VA Overall AU Category: 5A	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Shellfishing	Fecal Coliform	85012	1998 2010 VAP-A34E-05
Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).			
Sources: Non-Point Source			
TMDL Watershed Name:	Mills Branch		
TMDL Group ID:	00802		
VAN-A25R_WLB01A02	Mills Branch	FAIRFAX CO	Segment begins at the headwaters of Mills Branch and continues downstream until the confluence with the Occoquan River. Mills Branch, a channeled flow under the Lorton landfill, is an unnamed tributary on the Occoquan/Ft. Belvoir quads.
VA Overall AU Category: 5A	Impairment	1.81 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00802	2002 2014
Although the data obtained during the 2006 assessment window shows exceedances of the instantaneous fecal coliform bacteria criterion (1 of 8 samples - 14.3%) is categorized as having insufficient information, very little data has been collected from the DEQ's ambient water quality monitoring station (1AWLB000.06) since the previous assessment window. The segment shall remain categorized as impaired.			
Sources: Source Unknown			
TMDL Group ID:	01613		
VAV-B31R_MLS01A02	Mills Creek	AUGUSTA CO	Mills Creek from the headwaters downstream to its confluence with Back Creek.
VA Overall AU Category: 5A	Impairment	8.50 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01613	2002 2014
Sources: Atmospheric Deposition - Acidity			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Milltown Creek		
TMDL Group ID:	60000		
VAN-A02R_MIH01A06	Milltown Creek	LOUDOUN CO	Segment begins at the confluence with an unnamed tributary to Milltown Creek, approximately 0.34 rivermile upstream from Route 681 near Milltown, and continues downstream until the confluence with Catoctin Creek.
VA Overall AU Category: 5A	Impairment	3.85 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60000 2006 2018	Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 6 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1AMIH001.98) at the Route 673 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Mine Run		
TMDL Group ID:	60018		
VAN-A11R_MNR01A04	Mine Run	FAIRFAX CO	Segment begins at the confluence with an unnamed tributary to Mine Run, approximately 0.5 rivermile upstream from River Bend Road, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 5A	Impairment	0.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60018 2006 2018	Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 8 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (1AMNR000.72) at the Route 603 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Monroe Creek		
TMDL Group ID:	00584		
VAP-A31E_MON01A00	Monroe Creek	WESTMORELAND CO	Prohibited area around STP outfall as described in VDH shellfish condemnation 002-001D 11/15/2004
			POTMH
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.17 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	00584	2004 2016 VAP-A31E-10
			Monroe Creek was assessed not supporting of the Fish Consumption Use in the 2004 cycle based on exceedances of the tissue screening level for PCBs in white perch and gizzard shad at 1AMON002.49.
			VDH issued a Fish Consumption Advisory for Monroe Creek during the 2006 cycle (12/13/04) due to PCB contamination in gizzard shad, white perch, and channel catfish.
	Sources:	Source Unknown	
VAP-A31E_MON02A98	Monroe Creek	WESTMORELAND CO	Described in VDH condemnation notice 002-001A, 11/15/2004
			Expanded in 2006 cycle.
			POTMH
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.48 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	00584	2004 2016 VAP-A31E-10
			Monroe Creek was assessed not supporting of the Fish Consumption Use in the 2004 cycle based on exceedances of the tissue screening level for PCBs in white perch and gizzard shad at 1AMON002.49.
			VDH issued a Fish Consumption Advisory for Monroe Creek during the 2006 cycle (12/13/04) due to PCB contamination in gizzard shad, white perch, and channel catfish.
	Sources:	Source Unknown	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Monroe Creek		
TMDL Group ID:	00584		
VAP-A31E_MON03A98	Monroe Bay	WESTMORELAND CO	Described in VDH condemnation notice 002-001 M1, 11/15/2004 Size reduced in 2006 cycle POTMH
VA Overall AU Category: 5A	Impairment	0.28 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	00584	2004 2016 VAP-A31E-10 Monroe Creek was assessed not supporting of the Fish Consumption Use in the 2004 cycle based on exceedances of the tissue screening level for PCBs in white perch and gizzard shad at 1AMON002.49. VDH issued a Fish Consumption Advisory for Monroe Creek during the 2006 cycle (12/13/04) due to PCB contamination in gizzard shad, white perch, and channel catfish.
Sources: Source Unknown			
VAP-A31E_MON04A00	Monroe Bay	WESTMORELAND CO	Downstream of VDS-DSS condemnation area 001M1, 11/15/04 POTMH
VA Overall AU Category: 5A	Impairment	0.52 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	00584	2004 2016 VAP-A31E-10 Monroe Creek was assessed not supporting of the Fish Consumption Use in the 2004 cycle based on exceedances of the tissue screening level for PCBs in white perch and gizzard shad at 1AMON002.49. VDH issued a Fish Consumption Advisory for Monroe Creek during the 2006 cycle (12/13/04) due to PCB contamination in gizzard shad, white perch, and channel catfish.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Monroe Creek		
TMDL Group ID:	00584		
VAP-A31E_MON05A04	Monroe Creek	WESTMORELAND CO	Described in VDH Condemnation 001C, 11/15/2004
			POTMH
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.00 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue		00584 2004 2016 VAP-A31E-10
			Monroe Creek was assessed not supporting of the Fish Consumption Use in the 2004 cycle based on exceedances of the tissue screening level for PCBs in white perch and gizzard shad at 1AMON002.49. VDH issued a Fish Consumption Advisory for Monroe Creek during the 2006 cycle (12/13/04) due to PCB contamination in gizzard shad, white perch, and channel catfish.
		Sources:	Source Unknown
TMDL Group ID:	00903		
VAP-A31E_MON02A98	Monroe Creek	WESTMORELAND CO	Described in VDH condemnation notice 002-001A, 11/15/2004
			Expanded in 2006 cycle.
			POTMH
VA Overall AU Category: Use	5A		
Shellfishing	Impairment	0.48 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	Fecal Coliform		00903 1998 2010 VAP-A31E-04
			VDH-DSS Condemnation 002-001A, 11/15/2004
			Segment expanded in 2006.
		Sources:	Source Unknown
TMDL Group ID:	10022		
VAP-A31R_MON01A98	Monroe Creek	WESTMORELAND CO	Monroe Creek watershed above the tidal limit.
VA Overall AU Category: Use	5C		
Aquatic Life	Impairment	9.68 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	pH		10022 2006 2018 VAP-A31R-04
			During the 2006 cycle, Monroe Creek was assessed as not supporting the Aquatic Life Use based on a pH violation rate of 18/20 at 1AMRC003.12.
		Sources:	Natural Conditions - Water Quality Standards Use Attainability Analyses Needed



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Monroe Creek		
TMDL Group ID:	10023		
VAP-A31R_MON01A98	Monroe Creek	WESTMORELAND CO	Monroe Creek watershed above the tidal limit.
VA Overall AU Category: 5C	Impairment	9.68 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	10023	2006 2018 VAP-A31R-04
During the 2006 cycle, Monroe Creek was assessed as not supporting the Aquatic Life Use based on a DO violation rate of 13/20 at 1AMRC003.12.			
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Watershed Name:	Mountain Run		
TMDL Group ID:	01635		
VAV-B47R_MTN01A00	Mountain Run	ROCKINGHAM CO	Mountain Run and tributary from its confluence with Fridley Run downstream to its confluence with Smith Creek.
VA Overall AU Category: 5D	Impairment	5.37 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01635	2002 2014
Sources: Atmospheric Deposition - Acidity			
VAV-B47R_MTN02A00	Mountain Run	ROCKINGHAM CO	Mountain Run from the headwaters downstream to its confluence with Fridley Run.
VA Overall AU Category: 5D	Impairment	0.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01635	2002 2014
Sources: Atmospheric Deposition - Acidity			
TMDL Group ID:	50238		
VAV-B47R_MTN01A00	Mountain Run	ROCKINGHAM CO	Mountain Run and tributary from its confluence with Fridley Run downstream to its confluence with Smith Creek.
VA Overall AU Category: 5D	Impairment	5.37 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50238	2006 2004 Category 4A - Federal TMDL ID # 21281
Sources: Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Mountain Run		
TMDL Group ID:	50238		
VAV-B47R_MTN02A00	Mountain Run	ROCKINGHAM CO	Mountain Run from the headwaters downstream to its confluence with Fridley Run.
VA Overall AU Category: 5D	Impairment	0.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50238 2006 2004	Category 4A - Federal TMDL ID # 21281
Sources: Wildlife Other than Waterfowl			
TMDL Watershed Name:	Naked Creek		
TMDL Group ID:	00404		
VAV-B36R_NAK01A00	Naked Creek	PAGE CO ROCKINGHAM CO	Naked Creek including the East Branch from the headwaters downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	12.42 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00404 1998 2016	This stream fully supported the Aquatic Life Use during the 2002 assessment cycle but EPA would not approve De-listing. It was not visited during the 2004 assessment cycle.
Sources: Source Unknown			
TMDL Watershed Name:	Narrow Passage Creek		
TMDL Group ID:	01642		
VAV-B50R_NPC01A00	Narrow Passage Creek	SHENANDOAH CO	Narrow Passage Creek from the 5 mile upper limit of the PWS designation for the Woodstock Public Water Intake downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	0.54 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01642 2002 2014	
Sources: Non-Point Source Wildlife Other than Waterfowl			
VAV-B50R_NPC02A00	Narrow Passage Creek	SHENANDOAH CO	Narrow Passage Creek from the headwaters downstream to the 5 mile upper limit of the PWS designation for the Woodstock Public Water Intake.
VA Overall AU Category: 5A	Impairment	10.23 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01642 2002 2014	
Sources: Non-Point Source Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Neabsco Bay		
TMDL Group ID:	00308		
VAN-A25E_NEA01A00	Neabsco Bay	PRINCE WILLIAM CO	Segment includes the tidal waters of Neabsco Bay downstream until the confluence with Occoquan Bay. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	0.80 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	pH	00308	2002 2010 Three of 17 samples (17.6%) exceeded the upper range (9.0 SU) of the pH water quality criteria for Class II waters as established in 9 VAC 25-260-50 of the Virginia Water Quality Standards. As a result, the aquatic life use is considered impaired.
Aquatic Life			
Sources: Source Unknown			
TMDL Group ID:	00800		
VAN-A25E_NEA01A00	Neabsco Bay	PRINCE WILLIAM CO	Segment includes the tidal waters of Neabsco Bay downstream until the confluence with Occoquan Bay. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	0.80 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00800	2004 2016 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (7 of 26 samples - 26.9%) were recorded at DEQ's ambient water quality monitoring station (1ANEA000.57) midway into the bay to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Recreation			
Sources: Source Unknown			
TMDL Watershed Name:	Neabsco Creek		
TMDL Group ID:	00310		
VAN-A25R_NEA01A00	Neabsco Creek	PRINCE WILLIAM CO	Segment begins at the confluence with an unnamed tributary to Neabsco Creek, near Dale City and approximately 0.4 rivermile downstream from Route 784 (on the tributary) and continues downstream until the start of the tidal waters of Neabsco Bay.
VA Overall AU Category: 5A	Impairment	8.80 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00310	2002 2010 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (5 of 17 samples - 29.4%) were recorded at DEQ's ambient water quality monitoring station (1ANEA002.89) at the Route One bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Recreation			
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Nomini Creek		
TMDL Group ID:	00915		
VAP-A32E_NOM01A04	Nomini Creek	WESTMORELAND CO	As described in VDH Shellfish Condemnation 082A, 7/14/2004.  Extended from 1998 and now incorporates the previous Pierce Creek condemnations.  POTMH
VA Overall AU Category: 5A	Impairment	0.53 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00915	1998 2010 VAP-A32E-04  Portions of Nomini Creek (0.28 sq. mi.) and Pierce Creek (0.14 sq. mi.) were assessed as impaired in 1998. During the 2004 cycle, the condemnation was expanded and combined. The segment remains impaired per VDH Shellfish Restriction 082A, 7/14/2004.
Sources: Source Unknown			
TMDL Watershed Name:	North River		
TMDL Group ID:	00205		
VAV-B17R_NTH01A00	North River	ROCKINGHAM CO	North River from its confluence with Briery Branch downstream to its confluence with Dry River.
VA Overall AU Category: 5A	Impairment	3.39 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00205	2002 2010  Sources: Wildlife Other than Waterfowl
VAV-B23R_NTH01A04	North River	AUGUSTA CO ROCKINGHAM CO	North River from its confluence with Naked Creek downstream to its confluence with South River.
VA Overall AU Category: 5A	Impairment	8.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Escherichia coli	00205	2004 2010  Sources: Non-Point Source Wildlife Other than Waterfowl
Recreation	Fecal Coliform	00205	1996 2010  Sources: Non-Point Source Wildlife Other than Waterfowl

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	North River		
TMDL Group ID:	00205		
<b>VAV-B23R_NTH02A04</b>	<b>North River</b>	<b>ROCKINGHAM CO</b>	North River from its confluence with Cooks Creek downstream to its confluence with Naked Creek.
VA Overall AU Category: <b>5A</b>	Impairment	6.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	00205 <b>2004</b> <b>2010</b>	
	Sources: Non-Point Source		
	Wildlife Other than Waterfowl		
Recreation	<b>Fecal Coliform</b>	00205 <b>1996</b> <b>2010</b>	
	Sources: Non-Point Source		
	Wildlife Other than Waterfowl		
<b>VAV-B23R_NTH03A04</b>	<b>North River</b>	<b>ROCKINGHAM CO</b>	North River from the Harrisonburg Public Water Intake downstream to its confluence with Cooks Creek.
VA Overall AU Category: <b>5A</b>	Impairment	3.29 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	00205 <b>1996</b> <b>2010</b>	
	Sources: Non-Point Source		
	Wildlife Other than Waterfowl		
<b>VAV-B23R_NTH04A04</b>	<b>North River</b>	<b>ROCKINGHAM CO</b>	North River from its confluence with Dry River downstream to the Harrisonburg Public Water Intake.
VA Overall AU Category: <b>5A</b>	Impairment	2.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	00205 <b>1996</b> <b>2010</b>	
	Sources: Non-Point Source		
	Wildlife Other than Waterfowl		
TMDL Group ID:	00206		
<b>VAV-B23R_NTH01A04</b>	<b>North River</b>	<b>AUGUSTA CO ROCKINGHAM CO</b>	North River from its confluence with Naked Creek downstream to its confluence with South River.
VA Overall AU Category: <b>5A</b>	Impairment	8.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	<b>Benthic-Macroinvertebrate Bioassessments (Streams)</b>	00206 <b>1998</b> <b>2010</b>	
	Sources: Source Unknown		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	North River		
TMDL Group ID:	00206		
VAV-B23R_NTH02A04	North River	ROCKINGHAM CO	North River from its confluence with Cooks Creek downstream to its confluence with Naked Creek.
VA Overall AU Category: 5A	Impairment	6.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00206 1998 2010	
Sources: Source Unknown			
TMDL Group ID:	01603		
VAV-B16R_NTH01A00	North River	AUGUSTA CO	North River from the Staunton Reservoir downstream to its confluence with Little River.
VA Overall AU Category: 5A	Impairment	6.00 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01603 2002 2014	
Sources: Atmospheric Deposition - Acidity			
VAV-B16R_NTH02A00	North River	AUGUSTA CO	North River from the Elkhorn Lake Dam downstream to the upper end of the Staunton Reservoir.
VA Overall AU Category: 5A	Impairment	1.21 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01603 2002 2014	
Sources: Atmospheric Deposition - Acidity			
VAV-B16R_NTH03A00	North River	AUGUSTA CO	North River from the headwaters downstream to the upper end of Elkhorn Lake.
VA Overall AU Category: 5A	Impairment	16.36 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01603 2002 2014	
Sources: Atmospheric Deposition - Acidity			
VAV-B17R_NTH04A00	North River	AUGUSTA CO	North River from its confluence with Little River downstream to its confluence with Freemason Run.
VA Overall AU Category: 5A	Impairment	4.46 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01603 2002 2014	
Sources: Atmospheric Deposition - Acidity			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Occoquan Bay		
TMDL Group ID:	00309		
VAN-A25E_OCC02A00	Occoquan Bay	FAIRFAX CO PRINCE WILLIAM CO	Segment extends 0.5 mile around the around the monitoring station 1AOCC002.47. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	0.59 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	pH	00309	2002 2010 Five of 16 samples (31.2%) exceeded the upper range (9.0 SU) of the pH water quality criteria for Class II waters as established in 9 VAC 25-260-50 of the Virginia Water Quality Standards. As a result, the aquatic life use was assessed as not supporting.
Sources: Source Unknown			
TMDL Watershed Name:	Occoquan Reservoir		
TMDL Group ID:	00282		
VAN-A24L_OCC01A02	Occoquan Reservoir	FAIRFAX CO PRINCE WILLIAM CO	Segment includes all of the Occoquan Reservoir; extending from rivermile 20.14 on the Occoquan River and rivermile 5.18 on Bull Run downstream until the dam, located at rivermile 7.14 on the Occoquan.
VA Overall AU Category: 5A	Impairment	1333.00 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Oxygen, Dissolved	00282	2002 2010 The aquatic life use is impaired due to low dissolved oxygen in the bottom waters of the reservoir. All five stations report excursions of the minimum dissolved oxygen criterion for Class III nontidal waters of 4.0 mg/L. Greater than 10% of samples exceed the criterion in the bottom waters for all four stations where stratification occurred (RE02, RE15, RE30, and RE35) and at two stations during periods with no stratification occurring (RE01 and RE02). It is believed that the aeration process performed by the county water authority near station RE02 is the cause of the low dissolved oxygen values observed in the surface waters.
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Watershed Name:	Occoquan River		
TMDL Group ID:	00231		
VAN-A20R_OCC02A00	Occoquan River	PRINCE WILLIAM CO	Segment begins downstream from the Lake Jackson impoundment and extends downstream until the confluence with Purcell Branch.
VA Overall AU Category: 5A	Impairment	1.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00231	2004 2016 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (4 of 8 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1AOCC024.74) at the Route 234 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Occoquan River		
TMDL Group ID:	00801		
<b>VAN-A25E_OCC05A02</b>	<b>Occoquan River</b>	FAIRFAX CO PRINCE WILLIAM CO	Segment extends from 0.5 rivermile upstream until 0.5 rivermile downstream of monitoring station 1AOCC006.71. Portion of CBP segment POTTF.
VA Overall AU Category: <b>5A</b>	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Fecal Coliform</b>	00801	<b>2004</b> <b>2016</b> Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (2 of 13 samples - 15.4%) were recorded at DEQ's ambient water quality monitoring station (1AOCC006.71) at the Route 123 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Group ID:	60055		
<b>VAN-A20R_OCC01A04</b>	<b>Occoquan River</b>	PRINCE WILLIAM CO	Segment begins at the confluence with Purcell Branch and continues downstream until the start of the Occoquan Reservoir.
VA Overall AU Category: <b>5A</b>	Impairment	3.07 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Escherichia coli</b>	60055	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 14 samples - 21.4%) were recorded at DEQ's ambient water quality monitoring station (1AOCC021.35) at the Route 3000 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Orebank Creek		
TMDL Group ID:	50061		
<b>VAV-B31R_ORE01A02</b>	<b>Orebank Creek</b>	AUGUSTA CO	Orebank Creek from the headwaters downstream to its confluence with Back Creek.
VA Overall AU Category: <b>5A</b>	Impairment	3.00 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	<b>pH</b>	50061	<b>2006</b> <b>2018</b> Newly listed for pH in 2006.
Sources: Atmospheric Deposition - Acidity			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Page Brook Run		
TMDL Group ID:	01648		
VAV-B57R_PGE01A00	Page Brook Run	CLARKE CO	Page Brook Run and tributaries from the headwaters downstream to its confluence with Roseville Run.
VA Overall AU Category: 5A	Impairment	8.83 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	01648 2004 2016	
	Sources: Non-Point Source Wildlife Other than Waterfowl		
<b>Paine Run</b>			
TMDL Watershed Name:	Paine Run		
TMDL Group ID:	01616		
VAV-B32R_PAN01A00	Paine Run	AUGUSTA CO ROCKINGHAM CO	Paine Run from the headwaters downstream to its confluence with South River.
VA Overall AU Category: 5A	Impairment	6.25 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	pH	01616 2004 2016	
	Sources: Atmospheric Deposition - Acidity		
<b>Panther Skin Creek</b>			
TMDL Watershed Name:	Panther Skin Creek		
TMDL Group ID:	60006		
VAN-A05R_PAE02A06	Panther Skin Creek	FAUQUIER CO LOUDOUN CO	Segment begins at the headwaters of Panther Skin Creek and continues downstream until the confluence with Jeffries Branch.
VA Overall AU Category: 5A	Impairment	5.05 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	60006 2006 2018	Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 8 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1APAE004.21) at the Route 719 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Passage Creek		
TMDL Group ID:	40112		
VAV-B54R_PSG01A00	Passage Creek	SHENANDOAH CO WARREN CO	Passage Creek from its confluence with Peters Mill Run downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	18.50 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	40112	2006 2016
		Sources: Non-Point Source	
TMDL Watershed Name:	Pimmit Run		
TMDL Group ID:	00794		
VAN-A12R_PIM01A00	Pimmit Run	ARLINGTON CO FAIRFAX CO	Segment begins at the confluence with Little Pimmit Run, approximately 0.1 rivermile downstream from Route 695, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 5A	Impairment	1.63 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00794	2002 2014
		Sources: Source Unknown	
VAN-A12R_PIM02A00	Pimmit Run	FAIRFAX CO	Segment begins at the Route 309 bridge crossing, at rivermile 4.16, and continues downstream until the confluence with Little Pimmit Run, approximately 0.1 rivermile downstream from Route 695.
VA Overall AU Category: 5A	Impairment	2.53 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00794	2002 2014
		Sources: Source Unknown	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Pimmit Run		
TMDL Group ID:	00794		
<b>VAN-A12R_PIM02B06</b>	<b>Pimmit Run</b>	<b>FAIRFAX CO</b>	Segment begins at the headwaters of Pimmit Run, approximately 0.12 rivermile upstream from Route 7, and continues downstream until the Route 309 bridge crossing, at rivermile 4.16.
VA Overall AU Category: <b>5A</b>	Impairment	3.22 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	00794	<b>2002</b> <b>2014</b> Although the data obtained during the 2006 assessment window shows exceedances of the instantaneous fecal coliform bacteria criterion (1 of 7 samples - 14.3%) is categorized as insufficient information, very little data has been collected from the DEQ's ambient water quality monitoring station (1APIM004.16) at Route 309 since the previous assessment window. The segment shall remain categorized as impaired.
Sources: Source Unknown			
TMDL Group ID:	60022		
<b>VAN-A12R_PIM01A00</b>	<b>Pimmit Run</b>	<b>ARLINGTON CO FAIRFAX CO</b>	Segment begins at the confluence with Little Pimmit Run, approximately 0.1 rivermile downstream from Route 695, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: <b>5A</b>	Impairment	1.63 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	<b>Chlordane</b>	60022	<b>2006</b> <b>2018</b> Exceedances of the water quality criterion based tissue value (TV) of 310 parts per billion (ppb) for chlordane in fish tissue were recorded in one specie of fish samples collected in 2001 and 2004 at monitoring station 1APIM000.15 (American eel).
Sources: Source Unknown			
TMDL Group ID:	60023		
<b>VAN-A12R_PIM01A00</b>	<b>Pimmit Run</b>	<b>ARLINGTON CO FAIRFAX CO</b>	Segment begins at the confluence with Little Pimmit Run, approximately 0.1 rivermile downstream from Route 695, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: <b>5A</b>	Impairment	1.63 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	<b>Heptachlor epoxide</b>	60023	<b>2006</b> <b>2018</b> Exceedances of the water quality criterion based tissue value (TV) of 12 parts per billion (ppb) for heptachlor epoxide in fish tissue were recorded in one specie of fish samples collected in 2001 and 2004 at monitoring station 1APIM000.15 (American eel).
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Pimmit Run		
TMDL Group ID:	60134		
<b>VAN-A12R_PIM01A00</b>	<b>Pimmit Run</b>	ARLINGTON CO FAIRFAX CO	Segment begins at the confluence with Little Pimmit Run, approximately 0.1 rivermile downstream from Route 695, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 5A	Impairment	1.63 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	60134 2006 2018	The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits American eel consumption to no more than two meals per month. The affected area includes the following tributaries in the Potomac River basin between the VA/MD state line near the Route 340 bridge (Loudoun County) to the I-395 bridge (Arlington County); Goose Creek up to the Dulles Greenway Road Bridge, Broad Run up to the Route 625 bridge, Difficult Run up to the Route 7 bridge, and Pimmit Run up to the Route 309 bridge.  Exceedances of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue were recorded in one specie of fish samples collected in 2001 and 2004 at monitoring station 1APIM000.15 (American eel).
Sources: Source Unknown			
<b>VAN-A12R_PIM02A00</b>	<b>Pimmit Run</b>	FAIRFAX CO	Segment begins at the Route 309 bridge crossing, at rivermile 4.16, and continues downstream until the confluence with Little Pimmit Run, approximately 0.1 rivermile downstream from Route 695.
VA Overall AU Category: 5A	Impairment	2.53 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	60134 2006 2018	The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits American eel consumption to no more than two meals per month. The affected area includes the following tributaries in the Potomac River basin between the VA/MD state line near the Route 340 bridge (Loudoun County) to the I-395 bridge (Arlington County); Goose Creek up to the Dulles Greenway Road Bridge, Broad Run up to the Route 625 bridge, Difficult Run up to the Route 7 bridge, and Pimmit Run up to the Route 309 bridge.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Pohick Bay	
TMDL Group ID:		60041	
VAN-A15E_POH02A00	Pohick Bay	FAIRFAX CO	Segment includes tidal waters of Pohick Creek, from the boundary of watershed A15, and extends until rivermile 1.31 in Gunston Cove. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	0.61 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	60041	2006 2018 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 22 samples - 13.6%) were recorded at DEQ's ambient water quality monitoring station (1APOH002.32) to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Group ID:		60044	
VAN-A16E_POH01A06	Pohick Bay	FAIRFAX CO	Segment includes tidal waters of Pohick Creek upstream from the boundary of watershed A16. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	0.29 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	60044	2006 2018 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 22 samples - 13.6%) were recorded at DEQ's ambient water quality monitoring station (1APOH002.32) to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:		Pohick Creek	
TMDL Group ID:		00799	
VAN-A16R_POH01A00	Pohick Creek	FAIRFAX CO	Segment begins at the confluence with South Run, approximately 0.25 rivermile upstream from I-95, and continues downstream until the end of the free-flowing portion of Pohick Creek.
VA Overall AU Category: 5A	Impairment	3.20 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Fish Consumption	Benzo[k]fluoranthene	00799	2002 2014 DEQ fish tissue/sediment station 1APOH004.79 was sampled in 1996. The fish consumption impairment remains, even though the data is from outside the assessment period. The fish consumption impairment is due to exceedances of the water quality criterion based tissue value (TV) of 15 ppb for benzo(k)fluoranthene in fish tissue. Exceedance of the TV for benzo(k)fluoranthene was exceeded in three species (bullhead catfish, white perch, and sunfish).
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Pohick Creek		
TMDL Group ID:	60046		
<b>VAN-A16R_POH01A00</b>	<b>Pohick Creek</b>	<b>FAIRFAX CO</b>	Segment begins at the confluence with South Run, approximately 0.25 rivermile upstream from I-95, and continues downstream until the end of the free-flowing portion of Pohick Creek.
VA Overall AU Category: <b>5A</b>	Impairment	3.20 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	60046	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 12 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (1APOH005.36) at the Route One bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
<b>VAN-A16R_POH03A04</b>	<b>Pohick Creek</b>	<b>FAIRFAX CO</b>	Segment begins at the confluence with Sideburn Branch and continues downstream until the confluence with an unnamed tributary to Pohick Creek, at rivermile 14.18.
VA Overall AU Category: <b>5A</b>	Impairment	1.52 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	60046	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 3 samples - 100%) were recorded at DEQ's ambient water quality monitoring station (1APOH015.09) at the Route 645 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Popes Creek		
TMDL Group ID:	00904		
<b>VAP-A31E_POP01A98</b>	<b>Popes Creek</b>	<b>WESTMORELAND CO</b>	Described in condemnation notice.
VA Overall AU Category: <b>5A</b>	Impairment	0.41 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	<b>Fecal Coliform</b>	00904	<b>1998</b> <b>2010</b> VAP-A31E-07
The segment was assessed as not supporting the Shellfish Consumption Use based on VDH-DSS Shellfish Condemnation 146, 4/27/1989. The TMDL is due 2010.			
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Popes Creek		
TMDL Group ID:	00905		
VAP-A31E_POP01A98	Popes Creek	WESTMORELAND CO	Described in condemnation notice.
VA Overall AU Category: 5A	Impairment	0.41 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	00905	2006 2014 VAP-A31E-07
		Sources: Source Unknown	Popes Creek was initially assessed as impaired of the Recreation Use in 2002 based on fecal coliform standard violations at 1APOP000.38. During the 2006 cycle, the fecal coliform rate remained impaired (2/7) and enterococci was added as an impairment (2/6). The bacteria TMDL is due 2014
Recreation	Fecal Coliform	00905	1998 2014 VAP-A31E-07
		Sources: Source Unknown	Popes Creek was initially assessed as impaired of the Recreation Use in 2002 based on fecal coliform standard violations at 1APOP000.38. During the 2006 cycle, the fecal coliform rate remained impaired (2/7) and enterococci was added as an impairment (2/6). The bacteria TMDL is due 2014
TMDL Group ID:	10019		
VAP-A31R_POP01A00	Popes Creek	WESTMORELAND CO	Watershed above tidal limit.
VA Overall AU Category: 5C	Impairment	13.69 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	10019	2006 2018 VAP-A31R-03
		Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed	Popes Creek is assessed as not supporting the Aquatic Life Use based on a dissolved oxygen violation rate of 2/11 and a pH violation rate of 3/11 at 1APOP003.92.
TMDL Group ID:	10020		
VAP-A31R_POP01A00	Popes Creek	WESTMORELAND CO	Watershed above tidal limit.
VA Overall AU Category: 5C	Impairment	13.69 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	10020	2006 2018 VAP-A31R-03
		Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed	Popes Creek is assessed as not supporting the Aquatic Life Use based on a dissolved oxygen violation rate of 2/11 and a pH violation rate of 3/11 at 1APOP003.92.

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Popes Head Creek	
TMDL Group ID:		00236	
VAN-A23R_POE01A00	Popes Head Creek	FAIRFAX CO	Segment begins at the confluence with Piney Branch, approximately 0.25 rivermile downstream from Route 660, and continues downstream until the confluence with Bull Run.
VA Overall AU Category: 5A	Impairment	4.92 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	00236	2006 2016 Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 18 samples - 27.8%) were recorded at DEQ's ambient water quality monitoring station (1APOE002.00) at the Route 645 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2004.
Sources: Source Unknown			
TMDL Group ID:		00237	
VAN-A23R_POE01A00	Popes Head Creek	FAIRFAX CO	Segment begins at the confluence with Piney Branch, approximately 0.25 rivermile downstream from Route 660, and continues downstream until the confluence with Bull Run.
VA Overall AU Category: 5A	Impairment	4.92 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00237	1998 2010 DEQ benthic macroinvertebrate biological monitoring finds this segment to be slightly impaired.
Sources: Source Unknown			
TMDL Watershed Name:		Potomac Creek	
TMDL Group ID:		00814	
VAN-A29E_POM02A02	Potomac Creek	KING GEORGE CO STAFFORD CO	Segment extends a half-mile radius around monitoring station 1APOM002.41. Portion of CBP segment POTOH.
VA Overall AU Category: 5A	Impairment	0.60 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Chloride	00814	2004 2016 Four exceedances of the chloride standard were recorded at DEQ monitoring station 1APOM002.41, contributing to the not supporting assessment of the aquatic life use goal. This segment is considered transition zone tidal waters. The Water Quality Standards stipulate that the more stringent of either the freshwater or saltwater criteria apply. Therefore, these waters are listed as impaired. However, a TMDL is not necessary as the chloride levels are attributable to the natural estuarine conditions.
Sources: Natural Sources			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Potomac Creek			
TMDL Group ID:		00814			
Wildlife	Chloride	00814	2004	2016	Four exceedances of the chloride standard were recorded at DEQ monitoring station 1APOM002.41, contributing to the not supporting assessment of the aquatic life use goal. This segment is considered transition zone tidal waters. The Water Quality Standards stipulate that the more stringent of either the freshwater or saltwater criteria apply. Therefore, these waters are listed as impaired. However, a TMDL is not necessary as the chloride levels are attributable to the natural estuarine conditions.
Sources: Natural Sources					
TMDL Group ID:		00815			
VAN-A29E_POM02A02	Potomac Creek	KING GEORGE CO STAFFORD CO			Segment extends a half-mile radius around monitoring station 1APOM002.41. Portion of CBP segment POTOH.
VA Overall AU Category: 5A	Impairment	0.60 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Use	pH		00815	2002	2014
Aquatic Life					Sufficient exceedances of the instantaneous pH criterion (2 of 17 samples - 11.8%) were recorded at DEQ's ambient water quality monitoring station (1APOM002.41) to assess this segment as not supporting of the aquatic life use goal for the 2006 water quality assessment. The exceedances were greater than the upper range (9.0 SU) of the pH water quality criteria for Class II waters as established in 9 VAC 25-260-50 of the Virginia Water Quality Standards.
Sources: Source Unknown					
TMDL Group ID:		00818			
VAN-A29R_POM01A00	Potomac Creek	STAFFORD CO			Segment begins at the railroad crossing at the west end of swamp, upstream from Route 608, and continues downstream until the east end of swamp.
VA Overall AU Category: 5C	Impairment	2.23 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Use	Oxygen, Dissolved		00818	2002	2014
Aquatic Life					Sufficient exceedances of the instantaneous dissolved oxygen criterion (6 of 21 samples - 28.6%) were recorded at DEQ's ambient water quality monitoring station (1APOM006.72) at the Route 608 bridge to assess this stream segment as not supporting of the aquatic life use goal for the 2006 water quality assessment.
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Creek		
TMDL Group ID:	00819		
VAN-A29R_POM01A00	Potomac Creek	STAFFORD CO	Segment begins at the railroad crossing at the west end of swamp, upstream from Route 608, and continues downstream until the east end of swamp.
VA Overall AU Category: 5C	Impairment	2.23 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	pH	00819 2004 2016	Sufficient exceedances of the instantaneous pH criterion (4 of 19 samples - 21.0%) were recorded at DEQ's ambient water quality monitoring station (1APOM006.72) at the Route 608 bridge to assess this stream segment as not supporting of the aquatic life use goal for the 2006 water quality assessment.
Aquatic Life			
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Group ID:	00820		
VAN-A29R_POM01A00	Potomac Creek	STAFFORD CO	Segment begins at the railroad crossing at the west end of swamp, upstream from Route 608, and continues downstream until the east end of swamp.
VA Overall AU Category: 5C	Impairment	2.23 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00820 2006 2016	Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 9 samples - 33.3%) were recorded at DEQ's ambient water quality monitoring station (1APOM006.72) at the Route 608 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2004.
Recreation			
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
VAN-A29R_POM03A06	Potomac Creek	STAFFORD CO	Segment begins at the outlet for Able Lake and continues downstream until the confluence with an unnamed tributary to Potomac Creek, at rivermile 9.12.
VA Overall AU Category: 5A	Impairment	3.88 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00820 2006 2018	Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 8 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (1APOM012.24) at the Route 627 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Recreation			
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_BRG01A04	Bridges Creek	WESTMORELAND CO	Tidal limit to mouth
			POTMH
VA Overall AU Category: 5A	Impairment	0.19 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			Potomac Mesohaline failed the Submerged Aquatic Vegetation Acreage during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			Potomac Mesohaline failed the Submerged Aquatic Vegetation Acreage during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_GLD01A00	Goldman Creek	WESTMORELAND CO	Described in previous condemnation notice 088A .
			POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_MAO01A98	Mattox Creek	WESTMORELAND CO	Described in the condemnation notice 002-001B, 11/15/2004.  Segment expanded in 2006 cycle.  POTMH
VA Overall AU Category: 5A	Impairment	0.63 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Internal Nutrient Recycling Loss of Riparian Habitat Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_MAO02A00	Mattox Creek	WESTMORELAND CO	Downstream of VDH-DSS condemnation area 001E, 11/15/04. Segment shortened in 2006 cycle POTMH
VA Overall AU Category: 5A	Impairment	0.53 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_MAO03A04	Mattox Creek	WESTMORELAND CO	As described in VDH Condemnation 002-001E, 11/15/04 Prohibited zone  POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_MON01A00	Monroe Creek	WESTMORELAND CO	Prohibited area around STP outfall as described in VDH shellfish condemnation 002-001D 11/15/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.17 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_MON02A98	Monroe Creek	WESTMORELAND CO	Described in VDH condemnation notice 002-001A, 11/15/2004 Expanded in 2006 cycle. POTMH
VA Overall AU Category: 5A	Impairment	0.48 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_MON03A98	Monroe Bay	WESTMORELAND CO	Described in VDH condemnation notice 002-001 M1, 11/15/2004 Size reduced in 2006 cycle POTMH
VA Overall AU Category: 5A	Impairment	0.28 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_MON04A00	Monroe Bay	WESTMORELAND CO	Downstream of VDS-DSS condemnation area 001M1, 11/15/04
			POTMH
VA Overall AU Category: 5A	Impairment	0.52 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_MON05A04	Monroe Creek	WESTMORELAND CO	Described in VDH Condemnation 001C, 11/15/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.00 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_POP01A98	Popes Creek	WESTMORELAND CO	Described in condemnation notice.
VA Overall AU Category: 5A	Impairment	0.41 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_ROS01A98	Rosier Creek	WESTMORELAND CO	Described in VDH condemnation notice 088A, 9/22/2004. Segment expanded in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_ROS02A00	Rosier Creek	WESTMORELAND CO	From the downstream limit of segment ROS01A98 to its mouth at the Potomac River.  Size reduced in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A31E_ZZZ01A00	Unsegmented estuaries in A31	WESTMORELAND CO	Unsegmented portion of watershed.
			POTMH
VA Overall AU Category: 5A	Impairment	0.23 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_BAN01A00	Barnes Creek	WESTMORELAND CO	Downstream of the tidal limit.
			POTMH
VA Overall AU Category: 5A	Impairment	0.06 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_BRA01A98	Branson Cove	WESTMORELAND CO	Described in the condemnation notice 083C, 12/18/02
			POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_BUB01A04	Buckner Creek	WESTMORELAND CO	As described in VDH Condemnation 082B, 7/14/04
			POTMH
			Segment shortened in 2006
VA Overall AU Category: 5A	Impairment	0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture	
		Atmospheric Deposition - Nitrogen	
		Clean Sediments	
		Industrial Point Source Discharge	
		Internal Nutrient Recycling	
		Loss of Riparian Habitat	
		Municipal Point Source Discharges	
		Sediment Resuspension (Clean Sediment)	
		Sources Outside State Jurisdiction or Borders	
		Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture	
		Atmospheric Deposition - Nitrogen	
		Clean Sediments	
		Industrial Point Source Discharge	
		Internal Nutrient Recycling	
		Loss of Riparian Habitat	
		Municipal Point Source Discharges	
		Sediment Resuspension (Clean Sediment)	
		Sources Outside State Jurisdiction or Borders	
		Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_BUB02A06	Buckner Creek	WESTMORELAND CO	Downstream of condemnation 004-082B, 7/14/04
			POTMH
VA Overall AU Category: 5A	Impairment	0.29 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_CAP01A04	Cabin Point Creek	WESTMORELAND CO	As described in the condemnation notice 165, 4/27/1989
VA Overall AU Category: 5A			POTMH
Use	Impairment	0.12 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_CHB01A98	Cold Harbor Bay	WESTMORELAND CO	Described in the condemnation notice 004-184A, 8/23/04.
			POTMH
VA Overall AU Category: 5A	Impairment	0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_CHB02A06	Cold Harbor Creek	WESTMORELAND CO	Described in VDH condemnation 004-184M1, 8/23/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_CUR01A98	Currioman Creek	WESTMORELAND CO	Described in the condemnation notice 004-184B, 8/23/2004.  Square mileage adjusted in 2006.  POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_CUR02A00	Currioman Bay	WESTMORELAND CO	Downstream of Currioman Creek.
			POTMH
VA Overall AU Category: 5A	Impairment	0.72 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_GLB01A00	Glebe and Ames Creeks	WESTMORELAND CO	Downstream of tidal limit.  POTMH  Mileage adjusted in 2006
VA Overall AU Category: 5A	Impairment	0.24 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_LOW01A04	Lower Machodoc Creek	WESTMORELAND CO	As described in VDH condemnation notice 083A, 12/18/2002.  Listed in 1998. Mileage adjusted in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.51 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_LOW02A00	Lower Machodoc Creek	WESTMORELAND CO	Boundary of condemned area 083A, 12/18/2002 downstream to start of deep water use at approx. rivermile 0.5.
			POTMH
			Mileage adjusted in 2006
VA Overall AU Category: 5A	Impairment	1.91 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_LOW03A06	Lower Machodoc Creek	WESTMORELAND CO	Start of Deep Water Use at approximately rivermile 0.5 to mouth POTMH
VA Overall AU Category: 5A	Impairment	1.18 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_NOM01A04	Nomini Creek	WESTMORELAND CO	As described in VDH Shellfish Condemnation 082A, 7/14/2004.  Extended from 1998 and now incorporates the previous Pierce Creek condemnations.  POTMH
VA Overall AU Category: 5A	Impairment	0.53 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_NOM02A00	Nomini Creek	WESTMORELAND CO	Downstream condemnation boundary to the start of the deepwater use at approximately river mile 1.  In 2006, segment was merged with VAP-A32E_NOM03A00 and the downstream boundary adjusted slightly to reconcile with the deepwater boundary.  POTMH
VA Overall AU Category: Use	Impairment	2.51 SQUARE MILES	5A
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_NOM04A00	Nomini Creek	WESTMORELAND CO	Downstream of deepwater use boundary at approx. river mile 1.0.
			POTMH
VA Overall AU Category: 5A	Impairment	2.52 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the open water summer dissolved oxygen criteria and the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_NOP01A02	North Prong Buckner Creek	WESTMORELAND CO	Described in the condemnation notice 004-082C, 7/14/2004.  POTMH  Mileage adjusted in 2006  Mileage adjusted in 2006
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_WEA01A00	Weatherall Creek	WESTMORELAND CO	Downstream of condemnation 083B, 12/18/2002
			POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_WEA02A04	Weatherall Creek	WESTMORELAND CO	As described in VDH Shellfish condemnation 083B, 12/18/2002.
			POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A32E_ZZZ01A00	Unsegmented estuaries in A32	WESTMORELAND CO	Unsegmented portion of watershed.
			POTMH
VA Overall AU Category: 5A	Impairment	0.25 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_BOM01A98	Bonum Creek	WESTMORELAND CO	Described in the condemnation notice 006-159, 7/2/2002.  Square mileage was changed in 2006 condemnation, although the area remained the same.  POTMH
VA Overall AU Category: 5A	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_DRM01A06	Drum Cove	NORTHUMBERLAND CO	Described in 007-028D, 07/21/2004
			POTMH
			Segment shortened in 2006
			POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_DUA01A04	Dungan Cove	NORTHUMBERLAND CO	As described in VDH Shellfish Condemnation 007-028G, 7/14/2006 Mileage adjusted slightly in 2006 although area did not change. POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_DUA02A00	Dungan Cove	NORTHUMBERLAND CO	Downstream of condemnation notice 028G, 7/14/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_GAD01A98	Gardner Creek	WESTMORELAND CO	Described in the condemnation notice 143, 7/2/2002.  Size adjusted in 2006 cycle  POTMH
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_GAD02A00	Gardner Creek	WESTMORELAND CO	Downstream of Segment VAP-A33E_GAD01A98.
			POTMH
VA Overall AU Category: 5A	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_HAM01A02	Hampton Hall Branch, Kinsale Branch	NORTHUMBERLAND CO WESTMORELAND CO	Described in the condemnation notice 007-028C, 7/21/2004. Segment expanded and incorporated the segment VAP-A33E_KIS01A00 in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_JCK01A98	Jackson Creek	WESTMORELAND CO	Described in the condemnation notice 144, 7/2/2002
			POTMH
			Square mileage adjusted in 2006, although area did not change
VA Overall AU Category: 5A			
Use	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_LOG01A98	Lodge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 007-028H, 7/14/2004.
			POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_LOG02A98	Lodge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 007-028F, 7/21/2004.  Expanded in 2004 and incorporated previous 2002 LOG03A00 segment. Sq. mileage adjusted in 2006, although area has not changed.  POMTH
VA Overall AU Category: 5A	Impairment	0.25 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_MIA01A98	Mill Creek	NORTHUMBERLAND CO	Described in the condemnation notice 07/21/2004. Segment expanded in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.15 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_MIA02A02	Mill Creek	NORTHUMBERLAND CO	Mill Creek from MIA01A98 to the mouth. Segment shortened in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.15 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_RAG01A06	Ragged Point Bay	NORTHUMBERLAND CO WESTMORELAND CO	Described in VDH-DSS condemnation 006-M208, 4/13/1989  POTMH
VA Overall AU Category: 5A	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_SHA01A98	Shannon Branch	WESTMORELAND CO	Described in the condemnation notice 007-028A, 07/21/2004.
			POTMH
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_SHA02A00	Shannon Branch	WESTMORELAND CO	Downstream of SHA01A98.
			POTMH
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_SHA03A06	Shannon Branch	WESTMORELAND CO	Described in VDH-DSS condemnation 007-028M1, 07/21/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_SOV01A02	South Yeocomico River	NORTHUMBERLAND CO	South Yeocomico River except Dungan Cove Sq. mileage adjusted in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.83 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_SOV02A06	South Yeocomico River	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 007-028M4, 7/21/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.11 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_WES01A06	West Yeocomico River	WESTMORELAND CO	Described in VDH-DSS condemnation 007-028M3, 07/21/2006
			POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_WES02A06	West Yeocomico River	NORTHUMBERLAND CO WESTMORELAND CO	Downstream of condemnations  POTMH
VA Overall AU Category: 5A	Impairment	0.38 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_WHP01A98	White Point Creek	WESTMORELAND CO	Described in the condemnation notice 007-028B, 07/21/2004.  Size adjusted in 2006 cycle.  POTMH
VA Overall AU Category: 5A	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_WHP02A00	White Point Creek	WESTMORELAND CO	Downstream of segment WHP01A98. Segment shortened in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_WHP03A06	NW Yeocomico (White Point Creek/Shannon Branch)	WESTMORELAND CO	Described in VDH-DSS condemnation 007-028M2, 07/21/2004
			POTMH
VA Overall AU Category: Use	5A		
	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_YEO01A02	Yeocomico River and Tributaries	NORTHUMBERLAND CO WESTMORELAND CO	Yeocomico River  POTMH
VA Overall AU Category: 5A	Impairment	1.84 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A33E_ZZZ01A00	Unsegmented estuaries in A33	NORTHUMBERLAND CO WESTMORELAND CO	Unsegmented portion of the watershed.  POTMH
VA Overall AU Category: 5A	Impairment	0.73 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_BOT01A04	Boathouse Creek	NORTHUMBERLAND CO	As described in VDH Shellfish Condemnation 008-214F, 12/29/2003
			POTMH
VA Overall AU Category: 5A	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_BRD01A98	Bridgeman Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-142A, 12/22/2004.  Sq. mileage adjusted in 2006 although area did not change  POTMH
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_COA01A02	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 11/27/2002, not otherwise segmented.  Size adjusted in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_COA01A06	Coan River	NORTHUMBERLAND CO	Described in SFC 008-214E, 12/29/2003 not otherwise segmented.
			POTMH
VA Overall AU Category: 5A	Impairment	0.06 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_COA01A98	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145I, 2/25/1997, not otherwise segmented.
			POTMH
VA Overall AU Category: 5A	Impairment	0.33 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_COA02A02	Coan River	NORTHUMBERLAND CO	From SFC 008-214E, 12/29/2003 to its mouth at the Potomac, excluding otherwise segmented waterbodies.  Segment adjusted in 2006 cycle.  POTMH
VA Overall AU Category: 5A	Impairment	2.65 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_COC01A98	Cod Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-141A, 12/22/04.  Segment extended in 2006 into 2004 segment VAP-A34E_COC02A04, which was deleted.  POTMH
VA Overall AU Category: 5A	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_COC01B02	Cod Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-141B, 12/22/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_CUT01A98	Cubitt Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-168, 4/27/1989
			POTMH.
VA Overall AU Category: 5A	Impairment	0.23 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture
			Atmospheric Deposition - Nitrogen
			Clean Sediments
			Industrial Point Source Discharge
			Internal Nutrient Recycling
			Loss of Riparian Habitat
			Municipal Point Source Discharges
			Sediment Resuspension (Clean Sediment)
			Sources Outside State Jurisdiction or Borders
			Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_FTN01A06	Fountain Cove	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 009-142B, 12/22/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_GLB01A04	The Glebe	NORTHUMBERLAND CO	VDH-DSS notice 145C, 11/27/2002 boundary upstream to VDDH-DSS notice 145D, 2/25/1997 boundary  POTMH
VA Overall AU Category: 5A	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_GLB01A98	The Glebe	NORTHUMBERLAND CO	Described in the condemnation notice 145D, 2/25/1997.
			POTMH
VA Overall AU Category: 5D	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_GLB02A00	The Glebe	NORTHUMBERLAND CO	VDH-DSS condemnation 008-213B, 12/29/2003 not otherwise segmented Size extended in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.26 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_GLB03A00	The Glebe	NORTHUMBERLAND CO	Downstream of VDH-DSS SFC 008-213B, 12/2/2003 to its mouth at the Coan River.  Size reduced in 2006 due to upstream condemnations  POTMH
VA Overall AU Category: 5A	Impairment	0.40 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_GLB04A04	The Glebe	NORTHUMBERLAND CO	Described in the VDH-DSS Shellfish Condemnation 145A, 11/27/2002
			POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_HAC01A00	Hack Creek	NORTHUMBERLAND CO	Tidal limit to mouth at Potomac River.
			POTMH
VA Overall AU Category: 5A	Impairment	0.21 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051 2006 2010	VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_HEA01A98	Headly Cove	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 2/25/1997.  POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_HUL01A02	Hull Creek	NORTHUMBERLAND CO	Hull Creek, excluding Spring Cove, as described in condemnation notice 009-142 12/22/2004.  Size expanded in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.35 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_KIN01A00	Kingscote Creek	NORTHUMBERLAND CO	Tidal limit to the Coan River.
			POTMH
VA Overall AU Category: 5A	Impairment	0.29 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_KIN02A06	Kingscote Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 008-213M1, 12/29/03
			POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_KIN03A06	Kingscote Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 008-213M2, 12/29/2003
			POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_KIN04A06	Kingscote Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 008-213A, 12/29/2003
			POTMH
VA Overall AU Category: 5A	Impairment	0.06 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_KNC01A98	Killneck Creek	NORTHUMBERLAND CO	Described in the condemnation notice 8-214B, 12/29/2003.
			POTMH
VA Overall AU Category: 5D	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_KNC01B06	Killneck Creek	NORTHUMBERLAND CO	Described in VDH-DSS condemnation 8-214A, 12/29/2003
			POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_MII01A06	Mill Creek	NORTHUMBERLAND CO	Tidal limit to mouth at Coan River
			POTMH
VA Overall AU Category: 5A	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_PRE01A98	Presley Creek	NORTHUMBERLAND CO	Described in the condemnation notice 140, 4/27/1989  Sq. mileage adjusted during 2006 cycle, though area did not change  POTMH
VA Overall AU Category: 5A	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_ROG01A98	Rogers Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-142D, 12/22/2004.  Sq. mileage adjusted in 2006, although area did not change POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.  Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_SPN01A04	Spring Cove	NORTHUMBERLAND CO	Tidal limit to mouth at Hull Creek Portion of VDH-DSS condemnation 009-142C, 12/22/2004 POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_WRS01A04	Wrights Cove	NORTHUMBERLAND CO	Described in VDH-DSS Shellfish Condemnation 145B, 11/27/2002
			POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02
			The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_XFI01A98	Stevens Point	NORTHUMBERLAND CO	Described in the condemnation notice 8-214C, 12/29/2003 Sq. mileage adjusted in 2006 POTMH
VA Overall AU Category: 5D	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02 The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_XFJ01A98	Coan River, UT	NORTHUMBERLAND CO	Described in the condemnation notice 008-214D, 12/29/2003.  POTMH  Size increased during 2004 cycle (0.02 to 0.05 sq. mi)
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac Mesohaline Embayments		
TMDL Group ID:	10051		
VAP-A34E_ZZZ01A00	Unsegmented estuaries in A34	NORTHUMBERLAND CO	Unsegmented portion of the watershed.  POTMH
VA Overall AU Category: 5A	Impairment	2.51 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	10051	2006 2010 VAP-A31E-02  The mesohaline portion of the Potomac failed the SAV acreage standards during the 2006 cycle.
		Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, South Branch		
TMDL Group ID:	50228		
VAV-B02R_SOA01A00	South Branch Potomac River	HIGHLAND CO	South Branch Potomac River from the headwaters downstream to the VA/WVA state line.
VA Overall AU Category: 5A	Impairment	10.16 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50228	2006 2018 Newly listed for bacteria in 2006
			WQS for bacteria not supporting at 1ASOA001.00 (3 violations of 9) and 1ASOA003.77 (2 violations of 9)
	Sources: Non-Point Source		
TMDL Watershed Name:	Potomac River, Tidal (Accotink Creek)		
TMDL Group ID:	20005		
VAN-A15E_ACO01A06	Accotink Bay	FAIRFAX CO	Segment includes tidal waters of Accotink Creek until the confluence with the tidal waters of Pohick Bay/ Gunston Cove. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	0.35 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	20005	2002 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
	Sources: Source Unknown		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Chopawamsic Creek)		
TMDL Group ID:	20013		
<b>VAN-A26E_CHO01A04</b>	<b>Chopawamsic Creek</b>	PRINCE WILLIAM CO STAFFORD CO	Segment includes all of the Chopawamsic Creek embayment downstream until the state line at the confluence with the Potomac River. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.61 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	<b>PCB in Fish Tissue</b>	20013	<b>2002 2014</b>
<p>The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.</p> <p>Additionally, exceedances of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue were recorded in four species of fish samples collected in 2001 at monitoring station 1ACH0000.90 (largemouth bass, yellow perch, channel catfish, and carp).</p>			
Sources: Source Unknown			
<b>VAN-A26E_CHO01B06</b>	<b>Chopawamsic Creek</b>	PRINCE WILLIAM CO STAFFORD CO	Segment includes all Chopawamsic Creek tidal waters not included in other delineated segments. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.38 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	<b>PCB in Fish Tissue</b>	20013	<b>2002 2014</b>
<p>The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.</p>			
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description	
<b>Potomac and Shenandoah River Basins</b>				
TMDL Watershed Name:	Potomac River, Tidal (Chopawamsic Creek)			
TMDL Group ID:	20013			
VAN-A26E_CHO02A00	Chopawamsic Creek	PRINCE WILLIAM CO STAFFORD CO	Segment extends from approximately 0.5 rivermile upstream, until the end of the tidal waters, until 0.5 rivermile downstream of monitoring station 1ACH0003.65. Portion of CBP segment POTOH.	
VA Overall AU Category: Use	5A			
Fish Consumption	Impairment PCB in Fish Tissue	0.12 SQUARE MILES TMDL Group ID 20013	First Listed on 303(d) 2002 TMDL Schedule 2014	Impairment Specific Comments and/or Impairment Specific VA Category The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown				
TMDL Watershed Name:	Potomac River, Tidal (Dogue Creek)			
TMDL Group ID:	20003			
VAN-A14E_DOU01A00	Dogue Creek	FAIRFAX CO	Segment includes all tidal waters of Dogue Creek, extending from approximately rivermile 2.1 until the confluence with the Potomac River. Portion of CBP segment POTTf.	
VA Overall AU Category: Use	5A			
Fish Consumption	Impairment PCB in Fish Tissue	0.74 SQUARE MILES TMDL Group ID 20003	First Listed on 303(d) 2002 TMDL Schedule 2014	Impairment Specific Comments and/or Impairment Specific VA Category This segment is nested within the 20.3 square mile area (approximately) covered by a Virginia Department of Health (VDH) fish consumption advisory. The VDH fish consumption advisory for the Potomac River and VA tidal waters extends from Woodrow Wilson Bridge downstream (~33 miles) to Brent Point at mouth of Aquia Creek. Advise limited consumption of channel catfish due to PCB's. While this segment is not listed on any current fish consumption advisory, the former impairment remains.
Sources: Source Unknown				
2004 TMDL ID for this segment was VAN-A13E-01.				



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Fourmile Run)		
TMDL Group ID:	20000		
<b>VAN-A12E_FOU01A00</b>	<b>Fourmile Run</b>	ALEXANDRIA CITY ARLINGTON CO	Segment includes the tidal waters of Fourmile Run; from rivermile 1.46 downstream until the confluence with the Potomac River, at the state line. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	<b>PCB in Fish Tissue</b>	20000	<b>2002</b> <b>2014</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
TMDL Watershed Name:	Potomac River, Tidal (Hooff Run)		
TMDL Group ID:	20001		
<b>VAN-A13E_HFF01A06</b>	<b>Hooff Run</b>	ALEXANDRIA CITY	Segment contains the tidal portion of Hooff Run; begins at the Alexandria National Cemetery and continues downstream until the confluence with Hunting Creek. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	<b>PCB in Fish Tissue</b>	20001	<b>2006</b> <b>2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Hunting Creek)		
TMDL Group ID:	20002		
VAN-A13E_HUT01A02	Hunting Creek/Potomac River/Belle Haven	ALEXANDRIA CITY FAIRFAX CO	Segment includes all tidal waters of Hunting Creek; beginning at the Route 241 (Telegraph Road) bridge crossing and continuing downstream until the confluence with the Potomac River, to include the embayment. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	1.36 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	20002	2004 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Little Hunting Creek)		
TMDL Group ID:	20004		
VAN-A14E_LIF01A00	Little Hunting Creek	FAIRFAX CO	Segment includes all tidal waters of Little Hunting Creek, extending from approximately rivermile 1.7 downstream until the confluence with the Potomac River. Portion of CBP segment POTTF.
VA Overall AU Category: 5A	Impairment	0.25 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	20004	2002 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.  Additionally, exceedances of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue were recorded in five species of fish samples collected in 2000 at monitoring station 1ALIF000.19 (largemouth bass, channel catfish, white perch, American eel, and carp).
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Neabsco Creek)		
TMDL Group ID:	20007		
<b>VAN-A25E_NEA01A00</b>	<b>Neabsco Bay</b>	PRINCE WILLIAM CO	Segment includes the tidal waters of Neabsco Bay downstream until the confluence with Occoquan Bay. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.80 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20007	2002 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
<b>VAN-A25E_NEA20A02</b>	<b>Neabsco Creek</b>	PRINCE WILLIAM CO	Segment begins at the upstream limit of the tidal waters on Neabsco Creek and continues downstream until the start of the open waters of Neabsco Bay, approximately 0.5 rivermile upstream from monitoring station 1ANEA000.57. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.23 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20007	2002 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Occoquan River)		
TMDL Group ID:	20008		
VAN-A25E_OCC01A04	Occoquan Bay	FAIRFAX CO PRINCE WILLIAM CO	Segment extends 0.5 mile around the Coastal 2000 monitoring station 1AOCC000.06. The downstream limit is the state line at the Potomac River. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.48 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20008	2002 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
VAN-A25E_OCC02A00	Occoquan Bay	FAIRFAX CO PRINCE WILLIAM CO	Segment extends 0.5 mile around the around the monitoring station 1AOCC002.47. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.59 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20008	2002 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
Additionally, fish tissue data revealed exceedances of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in five species of fish tissue (striped bass, largemouth bass, carp, white perch, and channel catfish) in 2001 and in four species/five samples of fish tissue (carp, channel catfish, largemouth bass, and white perch) in 2004.			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Occoquan River)		
TMDL Group ID:	20008		
<b>VAN-A25E_OCC03A04</b>	<b>Belmont Bay (Occoquan River)</b>	<b>FAIRFAX CO</b>	Segment extends 0.5 mile around Coastal 2000 monitoring station 1AOCC002.62. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.39 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	<b>PCB in Fish Tissue</b>	20008	<b>2002</b> <b>2014</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
<b>VAN-A25E_OCC04A02</b>	<b>Belmont Bay</b>	<b>FAIRFAX CO</b>	Segment extends 0.5 mile around the monitoring station 1AOCC-766-ALL (coordinates 38.647, -77.195). Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.42 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	<b>PCB in Fish Tissue</b>	20008	<b>2002</b> <b>2014</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Occoquan River)		
TMDL Group ID:	20008		
<b>VAN-A25E_OCC05A02</b>	<b>Occoquan River</b>	FAIRFAX CO PRINCE WILLIAM CO	Segment extends from 0.5 rivermile upstream until 0.5 rivermile downstream of monitoring station 1A0CC006.71. Portion of CBP segment POTTF.
VA Overall AU Category: 5A Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	20008	2002 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
<b>VAN-A25E_OCC20A02</b>	<b>Occoquan Bay/Belmont Bay</b>	FAIRFAX CO PRINCE WILLIAM CO	Segment includes all waters of the Occoquan and Belmont Bays not included in other delineated segments. Portion of CBP segment POTTF.
VA Overall AU Category: 5A Use	Impairment	5.39 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	20008	2002 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Occoquan River)		
TMDL Group ID:	20008		
VAN-A25E_POT20A02	Occoquan Bay/Belmont Bay	FAIRFAX CO PRINCE WILLIAM CO	Segment includes all tidal waters in watershed not included in other delineated stream segments. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.24 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20008	2002 2014
Sources: Source Unknown			
TMDL Watershed Name:	Potomac River, Tidal (Pohick Creek)		
TMDL Group ID:	20006		
VAN-A15E_POH01A00	Gunston Cove	FAIRFAX CO	Segment extends from rivermile 1.31 in Gunston Cove until the confluence with the Potomac River. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	1.51 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20006	2002 2014
Sources: Source Unknown			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Pohick Creek)		
TMDL Group ID:	20006		
<b>VAN-A15E_POH02A00</b>	<b>Pohick Bay</b>	<b>FAIRFAX CO</b>	Segment includes tidal waters of Pohick Creek, from the boundary of watershed A15, and extends until rivermile 1.31 in Gunston Cove. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.61 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	<b>PCB in Fish Tissue</b>	20006	<b>2002 2014</b>
<p>The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.</p> <p>Additionally, exceedances of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue were recorded in three species in 2000 (largemouth bass, carp, channel catfish).</p>			
Sources: Source Unknown			
<b>VAN-A16E_POH01A06</b>	<b>Pohick Bay</b>	<b>FAIRFAX CO</b>	Segment includes tidal waters of Pohick Creek upstream from the boundary of watershed A16. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.29 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	<b>PCB in Fish Tissue</b>	20006	<b>2002 2014</b>
<p>The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.</p> <p>Additionally, exceedances of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue were recorded in three species in 2000 (largemouth bass, carp, channel catfish).</p>			
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Potomac River, Tidal (Pohick Creek)		
TMDL Group ID:	20006		
<b>VAN-A16R_POH01A00</b>	<b>Pohick Creek</b>	FAIRFAX CO	Segment begins at the confluence with South Run, approximately 0.25 rivermile upstream from I-95, and continues downstream until the end of the free-flowing portion of Pohick Creek.
VA Overall AU Category: 5A	Impairment 3.20 MILES	TMDL Group ID	First Listed on 303(d) TMDL Schedule
Use			Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20006	<b>2002</b> <b>2014</b>
DEQ fish tissue/sediment station 1APOH004.79 was sampled in 1996. The fish consumption impairment remains, even though the data is from outside the assessment period. The fish consumption impairment is due to exceedances of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue. Exceedance of the TV for PCB's was recorded in two species (bullhead catfish, white perch) in 1996.			
Sources: Source Unknown			
TMDL Watershed Name:	Potomac Run		
TMDL Group ID:	60073		
<b>VAN-A29R_POR01A06</b>	<b>Potomac Run</b>	STAFFORD CO	Segment begins at the headwaters of Potomac Run and continues downstream until the confluence with Long Branch.
VA Overall AU Category: 5A	Impairment 6.22 MILES	TMDL Group ID	First Listed on 303(d) TMDL Schedule
Use			Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Escherichia coli</b>	60073	<b>2006</b> <b>2018</b>
Sufficient exceedances of the instantaneous E.coli bacteria criterion (8 of 8 samples - 100%) were recorded at DEQ's ambient water quality monitoring station (1APOR000.40) at the Route 648 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.			
Sources: Source Unknown			
TMDL Watershed Name:	Powells Creek		
TMDL Group ID:	00807		
<b>VAN-A26R_POW01A00</b>	<b>Powells Creek</b>	PRINCE WILLIAM CO	Segment begins approximately 0.2 rivermiles below Lake Montclair and continues downstream until the end of the free-flowing waters of Powells Creek, at rivermile 2.18.
VA Overall AU Category: 5A	Impairment 5.02 MILES	TMDL Group ID	First Listed on 303(d) TMDL Schedule
Use			Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>Benzo[k]fluoranthene</b>	00807	<b>2002</b> <b>2014</b>
This segment remains on the impaired waters list for the fish consumption use because of the 1996 fish tissue data. Exceedances of the water quality standard criterion based tissue value (TV) of 15 ppb for benzo(k)fluoranthene in fish tissue were recorded during a 1996 sampling event. Exceedances of the TV for benzo(k)fluoranthene were recorded in two species (largemouth bass and sunfish).			
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Powells Creek		
TMDL Group ID:	00808		
VAN-A26R_POW01A00	Powells Creek	PRINCE WILLIAM CO	Segment begins approximately 0.2 rivermiles below Lake Montclair and continues downstream until the end of the free-flowing waters of Powells Creek, at rivermile 2.18.
VA Overall AU Category: 5A	Impairment	5.02 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	00808 2006 2014	Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 7 samples - 28.6%) were recorded at DEQ's ambient water quality monitoring station (1APOW006.11) at Northgate Drive to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.
Sources: Source Unknown			
TMDL Watershed Name:	Presley Creek		
TMDL Group ID:	00941		
VAP-A34E_PRE01A98	Presley Creek	NORTHUMBERLAND CO	Described in the condemnation notice 140, 4/27/1989  Sq. mileage adjusted during 2006 cycle, though area did not change  POTMH
VA Overall AU Category: 5A	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Shellfishing	Fecal Coliform	00941 1998 2010	VAP-A34E-09  VDH-DSS condemnation 140, 4/13/1989
Sources: Source Unknown			
TMDL Watershed Name:	Pugh's Run		
TMDL Group ID:	01643		
VAV-B50R_PGH01A00	Pugh's Run	SHENANDOAH CO	Pugh's Run from the headwaters downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5A	Impairment	5.86 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	01643 2004 2016	
Sources: Non-Point Source Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Purcell Branch		
TMDL Group ID:	60056		
<b>VAN-A20R_PUR01A06</b>	<b>Purcell Branch</b>	PRINCE WILLIAM CO	Segment begins at the headwaters of Purcell Branch, near Woodbine School, and continues downstream until the confluence with the Occoquan Reservoir, at rivermile 23.23.
VA Overall AU Category: <b>5A</b>	Impairment	3.16 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	60056	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (4 of 7 samples - 57.1%) were recorded at DEQ's ambient water quality monitoring station (1APUR001.20) at the Route 643 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Quail Run		
TMDL Group ID:	00107		
<b>VAV-B35R_QAL01A00</b>	<b>Quail Run</b>	ROCKINGHAM CO	Quail Run from the Bloomer Springs Road bridge downstream to its confluence with Boone Run.
VA Overall AU Category: <b>5D</b>	Impairment	4.18 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	<b>Benthic-Macroinvertebrate Bioassessments (Streams)</b>	00107	<b>1998</b> <b>2003</b> Category 4A - Federal TMDL ID # 20863 & 20864
Sources: Municipal Point Source Discharges			
<b>VAV-B35R_QAL02A00</b>	<b>Quail Run</b>	ROCKINGHAM CO	Quail Run from the Massanutten STP discharge downstream to the Bloomer Springs Road bridge.
VA Overall AU Category: <b>5D</b>	Impairment	0.70 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	<b>Benthic-Macroinvertebrate Bioassessments (Streams)</b>	00107	<b>1998</b> <b>2003</b> Category 4A - Federal TMDL ID # 20863 & 20864
Sources: Municipal Point Source Discharges			
TMDL Group ID:	00666		
<b>VAV-B35R_QAL01A00</b>	<b>Quail Run</b>	ROCKINGHAM CO	Quail Run from the Bloomer Springs Road bridge downstream to its confluence with Boone Run.
VA Overall AU Category: <b>5D</b>	Impairment	4.18 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	00666	<b>2004</b> <b>2016</b>
Sources: Non-Point Source Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Quail Run		
TMDL Group ID:	00666		
VAV-B35R_QAL02A00	Quail Run	ROCKINGHAM CO	Quail Run from the Massanutten STP discharge downstream to the Bloomer Springs Road bridge.
VA Overall AU Category: 5D Use Recreation	Impairment 0.70 MILES Fecal Coliform	TMDL Group ID 00666 First Listed on 303(d) 2004 TMDL Schedule 2016	Impairment Specific Comments and/or Impairment Specific VA Category
Sources: Non-Point Source Wildlife Other than Waterfowl			
TMDL Group ID:	01621		
VAV-B35R_QAL03A00	Quail Run	ROCKINGHAM CO	Quail Run from the headwaters downstream to the Massanutten STP discharge.
VA Overall AU Category: 5C Use Aquatic Life	Impairment 1.32 MILES Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID 01621 First Listed on 303(d) 2002 TMDL Schedule 2014	Impairment Specific Comments and/or Impairment Specific VA Category The Impairment is due to drought conditions.
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Watershed Name:	Quantico Creek		
TMDL Group ID:	00577		
VAN-A26R_QUA01A00	Quantico Creek	PRINCE WILLIAM CO	Segment begins at the confluence with South Fork Quantico Creek, approximately 0.75 rivermile upstream from I-95, and continues downstream until the start of the tidal waters of Quantico Bay.
VA Overall AU Category: 5A Use Fish Consumption	Impairment 1.29 MILES PCB in Fish Tissue	TMDL Group ID 00577 First Listed on 303(d) 2002 TMDL Schedule 2014	Impairment Specific Comments and/or Impairment Specific VA Category
Sources: Source Unknown			
TMDL Group ID:	00809		
VAN-A26R_QUA01A00	Quantico Creek	PRINCE WILLIAM CO	Segment begins at the confluence with South Fork Quantico Creek, approximately 0.75 rivermile upstream from I-95, and continues downstream until the start of the tidal waters of Quantico Bay.
VA Overall AU Category: 5A Use Recreation	Impairment 1.29 MILES Escherichia coli	TMDL Group ID 00809 First Listed on 303(d) 2006 TMDL Schedule 2016	Impairment Specific Comments and/or Impairment Specific VA Category Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 9 samples - 33.3%) were recorded at DEQ's ambient water quality monitoring station (1AQUA004.46) at the Route One Business bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Potomac and Shenandoah River Basins					
TMDL Watershed Name:		Quantico Creek			
TMDL Group ID:		00809			
Recreation	Fecal Coliform	00809	2004	2016	Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (5 of 27 samples - 18.5%) were recorded at DEQ's ambient water quality monitoring station (1AQUA004.46) at the Route One Business bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown					
TMDL Group ID:		60109			
VAN-A26E_QUA01A04	Quantico Creek	PRINCE WILLIAM CO	Segment extends to a 0.5-mile radius around station 1AQUA001.09. Portion of CBP segment POTTF.		
VA Overall AU Category: 5A	Impairment	0.43 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Aquatic Life	Estuarine Bioassessments	60109	2006	2018	Based on the Coastal 2000 weight of evidence analysis, utilizing bulk chemical data, toxicity test data, and an evaluation of benthic community conditions. Conclusions noted that organic enrichment, as well as chemical contamination, may be responsible for the impairment. The survey revealed low diversity of benthic faunal taxa.
Sources: Source Unknown					
TMDL Group ID:		60112			
VAN-A26E_QUA01A04	Quantico Creek	PRINCE WILLIAM CO	Segment extends to a 0.5-mile radius around station 1AQUA001.09. Portion of CBP segment POTTF.		
VA Overall AU Category: 5A	Impairment	0.43 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Aquatic Life	Sediment Bioassays for Estuarine and Marine Water	60112	2006	2018	Based on the Coastal 2000 weight of evidence analysis, utilizing bulk chemical data, toxicity test data, and an evaluation of benthic community conditions. Conclusions noted that organic enrichment, as well as chemical contamination, may be responsible for the impairment. The acute bioassay revealed slight, yet significant, toxicity.
Sources: Source Unknown					
TMDL Watershed Name:		Quantico Creek, South Fork			
TMDL Group ID:		00810			
VAN-A26R_SOQ01B02	South Fork Quantico Creek	PRINCE WILLIAM CO	Segment begins at the headwaters of the South Fork Quantico Creek and continues downstream until the start of the impounded waters, adjacent to what is labeled as Mawavi Camp No 2 on the Joplin quad.		
VA Overall AU Category: 5A	Impairment	4.64 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Recreation	Escherichia coli	00810	2004	2016	Sufficient exceedances of the instantaneous E.coli bacteria criterion (7 of 56 samples - 12.5%) were recorded at USGS station 01658500 to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown					

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Quantico Creek, South Fork		
TMDL Group ID:	00810		
TMDL Watershed Name:	Redbud Run		
TMDL Group ID:	97005		
VAV-B09R_RED01A00	Redbud Run	FREDERICK CO	Redbud Run and tributary from its headwaters downstream to its confluence with Opequon Creek.
VA Overall AU Category: 5D	Impairment	8.02 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	97005	2004 2004 Category 4A - Federal TMDL ID # 20941
Sources: Source Unknown			
TMDL Group ID:	97006		
VAV-B09R_RED01A00	Redbud Run	FREDERICK CO	Redbud Run and tributary from its headwaters downstream to its confluence with Opequon Creek.
VA Overall AU Category: 5D	Impairment	8.02 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	97006	2004 2016
Sources: Source Unknown			
TMDL Watershed Name:	Roaring Run		
TMDL Group ID:	40002		
VAV-B37R_RNR01A00	Roaring Run	PAGE CO	Roaring Run from the headwaters downstream to its confluence with Cub Run.
VA Overall AU Category: 5A	Impairment	2.07 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	40002	2006 2018 Newly listed for benthics in 2006.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Rocky Branch		
TMDL Group ID:	01042		
VAV-B39R_RKB01A00	Rocky Branch	PAGE CO	Rocky Branch from the headwaters downstream to its confluence with Pass Run.
VA Overall AU Category: 5A	Impairment	4.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	pH	01042 2004 2016	
Aquatic Life		Sources: Atmospheric Deposition - Acidity	
<b>Rocky Run</b>			
TMDL Watershed Name:	Rocky Run		
TMDL Group ID:	50055		
VAV-B18R_ROB01A02	Rocky Run	ROCKINGHAM CO	Rocky Run from the headwaters downstream to its confluence with Briery Branch.
VA Overall AU Category: 5A	Impairment	1.92 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	pH	50055 2006 2018	
Aquatic Life		Sources: Atmospheric Deposition - Acidity	Newly listed for pH in 2006.
<b>Rogers Creek</b>			
TMDL Watershed Name:	Rogers Creek		
TMDL Group ID:	00942		
VAP-A34E_ROG01A98	Rogers Creek	NORTHUMBERLAND CO	Described in the condemnation notice 009-142D, 12/22/2004.  Sq. mileage adjusted in 2006, although area did not change POTMH
VA Overall AU Category: 5A	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00942 1998 2010	
Shellfishing		Sources: Source Unknown	VAP-A34E-13  VDH-DSS condemnation 009-142D, 12/22/2004



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Rosier Creek		
TMDL Group ID:	00906		
VAP-A31E_ROS01A98	Rosier Creek	WESTMORELAND CO	Described in VDH condemnation notice 088A, 9/22/2004. Segment expanded in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00906	1998 2010 VAP-A31E-01 VDH Shellfish Condemnation 001-008A, 9/22/2004
Sources: Source Unknown			
TMDL Watershed Name:	Shannon Branch		
TMDL Group ID:	10055		
VAP-A33E_SHA01A98	Shannon Branch	WESTMORELAND CO	Described in the condemnation notice 007-028A, 07/21/2004. POTMH
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	10055	2006 2018 VAP-A33E-12 VDH-DSS Condemnation 007-028A, 07/21/2004
Sources: Source Unknown			
TMDL Watershed Name:	Shenandoah River PCB		
TMDL Group ID:	00104		
VAV-B41R_SSF01A00	South Fork Shenandoah River	WARREN CO	South Fork Shenandoah River from its confluence with Cabin Run downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5D	Impairment	1.74 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	PCB in Fish Tissue	00104	1998 2002 Category 4A - Federal TMDL ID # 7715
Sources: Contaminated Sediments			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Shenandoah River PCB		
TMDL Group ID:	00104		
VAV-B41R_SSF02A00	South Fork Shenandoah River	WARREN CO	South Fork Shenandoah River from the Rivermont Drive Bridge downstream to its confluence with Cabin Run.
VA Overall AU Category: 5D	Impairment	0.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	PCB in Fish Tissue	00104 1998 2002	Category 4A - Federal TMDL ID # 7715
	Sources: Contaminated Sediments		
VAV-B51R_NFS01A00	North Fork Shenandoah River	WARREN CO	North Fork Shenandoah River from the dam at the boat ramp downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5D	Impairment	0.67 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	PCB in Fish Tissue	00104 1998 2002	Category 4A - Federal TMDL ID # 7715
	Sources: Contaminated Sediments		
TMDL Group ID:	00191		
VAV-B55R_SHN02A00	Shenandoah River	WARREN CO	Shenandoah River from the confluence of the North and South Fork's downstream to the power plant dam near Front Royal.
VA Overall AU Category: 5D	Impairment	3.54 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	PCB in Fish Tissue	00191 1998 2002	Category 4A - Federal TMDL ID # 7715
	Sources: Contaminated Sediments		
TMDL Watershed Name:	Shenandoah River, North Fork		
TMDL Group ID:	00240		
VAV-B45R_NFS01A00	North Fork Shenandoah River	SHENANDOAH CO	North Fork Shenandoah River from its confluence with Holmans Creek downstream to its confluence with Smith Creek.
VA Overall AU Category: 5A	Impairment	3.53 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00240 2004 2016	
	Sources: Non-Point Source Wildlife Other than Waterfowl		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Shenandoah River, North Fork		
TMDL Group ID:	00240		
VAV-B45R_NFS02A00	North Fork Shenandoah River	ROCKINGHAM CO SHENANDOAH CO	North Fork Shenandoah River from its confluence with Linville Creek downstream to its confluence with Holmans Creek.
VA Overall AU Category: 5A	Impairment 13.59 MILES	TMDL Group ID 00240	First Listed on 303(d) 1996
Use Recreation	Fecal Coliform	TMDL Schedule 2010	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Non-Point Source Wildlife Other than Waterfowl		
VAV-B45R_NFS03A00	North Fork Shenandoah River	ROCKINGHAM CO	North Fork Shenandoah River from its confluence with Turley Creek downstream to its confluence with Linville Creek.
VA Overall AU Category: 5A	Impairment 2.89 MILES	TMDL Group ID 00240	First Listed on 303(d) 2004
Use Recreation	Fecal Coliform	TMDL Schedule 2010	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Non-Point Source Wildlife Other than Waterfowl		
VAV-B48R_NFS01A00	North Fork Shenandoah River	SHENANDOAH CO	North Fork Shenandoah River from its confluence with Smith Creek downstream to its confluence with Stony Creek.
VA Overall AU Category: 5A	Impairment 11.84 MILES	TMDL Group ID 00240	First Listed on 303(d) 2004
Use Recreation	Fecal Coliform	TMDL Schedule 2016	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Non-Point Source Wildlife Other than Waterfowl		
TMDL Watershed Name:	Shenandoah River, South Fork		
TMDL Group ID:	00402		
VAV-B33R_SSF01A00	South Fork Shenandoah River	ROCKINGHAM CO	South Fork Shenandoah River from its confluence with the North & South Rivers downstream to its confluence with Big Run.
VA Overall AU Category: 5A	Impairment 9.45 MILES	TMDL Group ID 00402	First Listed on 303(d) 1998
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Schedule 2010	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Source Unknown		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Shenandoah River, South Fork	
TMDL Group ID:		00402	
VAV-B35R_SSF01A00	South Fork Shenandoah River	ROCKINGHAM CO	South Fork Shenandoah River from its confluence with Big Run downstream to its confluence with Naked Creek.
VA Overall AU Category: 5A	Impairment	15.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00402	1998 2010
Sources: Source Unknown			
VAV-B37R_SSF01A00	S.F. Shenandoah River	PAGE CO ROCKINGHAM CO	South Fork Shenandoah River from its confluence with Naked Creek downstream to its confluence with Stoney Run just above the Route 340 bridge at Alma.
VA Overall AU Category: 5A	Impairment	18.28 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00402	1998 2010
Sources: Source Unknown			
VAV-B38R_SSF01A00	South Fork Shenandoah River	PAGE CO	South Fork Shenandoah River from its confluence with Stoney Run just above the Route 340 bridge at Alma downstream to its confluence with Hawksbill Creek.
VA Overall AU Category: 5A	Impairment	16.09 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00402	1998 2010
Sources: Source Unknown			
TMDL Group ID:		00403	
VAV-B33R_SSF01A00	South Fork Shenandoah River	ROCKINGHAM CO	South Fork Shenandoah River from its confluence with the North & South Rivers downstream to its confluence with Big Run.
VA Overall AU Category: 5A	Impairment	9.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00403	2002 2010
Sources: Non-Point Source Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Shenandoah River, South Fork		
TMDL Group ID:	00403		
VAV-B35R_SSF01A00	South Fork Shenandoah River	ROCKINGHAM CO	South Fork Shenandoah River from its confluence with Big Run downstream to its confluence with Naked Creek.
VA Overall AU Category: 5A	Impairment 15.17 MILES	TMDL Group ID 00403	First Listed on 303(d) 2002
Use Recreation	Fecal Coliform	TMDL Schedule 2010	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Source Unknown		
VAV-B37R_SSF01A00	S.F. Shenandoah River	PAGE CO ROCKINGHAM CO	South Fork Shenandoah River from its confluence with Naked Creek downstream to its confluence with Stoney Run just above the Route 340 bridge at Alma.
VA Overall AU Category: 5A	Impairment 18.28 MILES	TMDL Group ID 00403	First Listed on 303(d) 2002
Use Recreation	Fecal Coliform	TMDL Schedule 2010	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Source Unknown		
VAV-B38R_SSF01A00	South Fork Shenandoah River	PAGE CO	South Fork Shenandoah River from its confluence with Stoney Run just above the Route 340 bridge at Alma downstream to its confluence with Hawksbill Creek.
VA Overall AU Category: 5A	Impairment 16.09 MILES	TMDL Group ID 00403	First Listed on 303(d) 2002
Use Recreation	Fecal Coliform	TMDL Schedule 2010	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Source Unknown Wildlife Other than Waterfowl		
TMDL Watershed Name:	Skidmore Fork		
TMDL Group ID:	40001		
VAV-B20R_SKD03A00	Skidmore Fork	ROCKINGHAM CO	Skidmore Fork from the headwaters downstream to the upper end of Switzer Lake.
VA Overall AU Category: 5A	Impairment 5.41 MILES	TMDL Group ID 40001	First Listed on 303(d) 2006
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Schedule 2018	Impairment Specific Comments and/or Impairment Specific VA Category
	Sources: Atmospheric Deposition - Acidity Wildlife Other than Waterfowl		Newly listed for benthics in 2006.

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Snakeden Branch		
TMDL Group ID:	60019		
<b>VAN-A11R_SNA01A02</b>	<b>Snakeden Branch</b>	FAIRFAX CO	Segment begins at the confluence with an unnamed tributary to Snakeden Branch, approximately 0.4 rivermile downstream from the Twin Branches Road bridge, and continues downstream until the confluence with Difficult Run.
VA Overall AU Category: <b>5A</b>	Impairment	0.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Escherichia coli</b>	60019	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 8 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (1ASNA000.21) at the Route 677 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	South River		
TMDL Group ID:	00400		
<b>VAV-B32R_STH03A04</b>	<b>South River</b>	AUGUSTA CO WAYNESBORO CITY	South River from the INVISTA discharge downstream to its confluence with Sawmill Run.
VA Overall AU Category: <b>5A</b>	Impairment	5.44 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	<b>Benthic-Macroinvertebrate Bioassessments (Streams)</b>	00400	<b>1996</b> <b>2010</b>
Sources: Municipal (Urbanized High Density Area)			
TMDL Watershed Name:	South River, Lower		
TMDL Group ID:	01617		
<b>VAV-B32R_STH01A04</b>	<b>South River</b>	AUGUSTA CO ROCKINGHAM CO	South River from its confluence with Stull Run downstream to its confluence with North River.
VA Overall AU Category: <b>5A</b>	Impairment	5.32 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Fecal Coliform</b>	01617	<b>2002</b> <b>2014</b>
Sources: Non-Point Source Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	South River, Lower		
TMDL Group ID:	01617		
<b>VAV-B32R_STH02A04</b>	<b>South River</b>	<b>AUGUSTA CO</b>	South River from its confluence with Sawmill Run downstream to its confluence with Stull Run.
VA Overall AU Category: <b>5A</b>	Impairment	13.95 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Escherichia coli</b>	01617 <b>2006</b> <b>2014</b>	Newly listed for e-coli in 2006. Already impaired based on fecal coliform.
	Sources: Non-Point Source Wildlife Other than Waterfowl		
Recreation	<b>Fecal Coliform</b>	01617 <b>2002</b> <b>2014</b>	
	Sources: Non-Point Source Wildlife Other than Waterfowl		
<b>VAV-B32R_STH03A04</b>	<b>South River</b>	<b>AUGUSTA CO WAYNESBORO CITY</b>	South River from the INVISTA discharge downstream to its confluence with Sawmill Run.
VA Overall AU Category: <b>5A</b>	Impairment	5.44 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Fecal Coliform</b>	01617 <b>2002</b> <b>2014</b>	
	Sources: Non-Point Source Wildlife Other than Waterfowl		
<b>VAV-B32R_STH04A04</b>	<b>South River</b>	<b>WAYNESBORO CITY</b>	South River from its confluence with Coiner Spring intermittent run downstream to the INVISTA discharge.
VA Overall AU Category: <b>5A</b>	Impairment	2.01 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Escherichia coli</b>	01617 <b>2006</b> <b>2014</b>	Newly listed for bacteria in 2006.
	Sources: Non-Point Source		
<b>VAV-B32R_STH05A04</b>	<b>South River</b>	<b>AUGUSTA CO WAYNESBORO CITY</b>	South River from its confluence with Back Creek downstream to its confluence with Coiner Spring intermittent run.
VA Overall AU Category: <b>5A</b>	Impairment	2.95 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	<b>Escherichia coli</b>	01617 <b>2006</b> <b>2014</b>	Newly listed for bacteria in 2006.
	Sources: Non-Point Source		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	South River/South Fork Shenandoah River Hg		
TMDL Group ID:	00541		
<b>VAV-B32R_STH01A04</b>	<b>South River</b>	AUGUSTA CO ROCKINGHAM CO	South River from its confluence with Stull Run downstream to its confluence with North River.
VA Overall AU Category: 5A	Impairment	5.32 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	<b>Mercury in Fish Tissue</b>	00541 1998 2010	
	Sources: Contaminated Sediments		
<b>VAV-B32R_STH02A04</b>	<b>South River</b>	AUGUSTA CO	South River from its confluence with Sawmill Run downstream to its confluence with Stull Run.
VA Overall AU Category: 5A	Impairment	13.95 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	<b>Mercury in Fish Tissue</b>	00541 1998 2010	
	Sources: Contaminated Sediments		
<b>VAV-B32R_STH03A04</b>	<b>South River</b>	AUGUSTA CO WAYNESBORO CITY	South River from the INVISTA discharge downstream to its confluence with Sawmill Run.
VA Overall AU Category: 5A	Impairment	5.44 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	<b>Mercury in Fish Tissue</b>	00541 1998 2010	
	Sources: Contaminated Sediments		
<b>VAV-B33R_SSF01A00</b>	<b>South Fork Shenandoah River</b>	ROCKINGHAM CO	South Fork Shenandoah River from its confluence with the North & South Rivers downstream to its confluence with Big Run.
VA Overall AU Category: 5A	Impairment	9.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	<b>Mercury in Fish Tissue</b>	00541 1998 2010	
	Sources: Contaminated Sediments		
<b>VAV-B35R_SSF01A00</b>	<b>South Fork Shenandoah River</b>	ROCKINGHAM CO	South Fork Shenandoah River from its confluence with Big Run downstream to its confluence with Naked Creek.
VA Overall AU Category: 5A	Impairment	15.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	<b>Mercury in Fish Tissue</b>	00541 1998 2010	
	Sources: Contaminated Sediments		



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	South River/South Fork Shenandoah River Hg		
TMDL Group ID:	00541		
<b>VAV-B37R_SSF01A00</b>	<b>S.F. Shenandoah River</b>	PAGE CO ROCKINGHAM CO	South Fork Shenandoah River from its confluence with Naked Creek downstream to its confluence with Stoney Run just above the Route 340 bridge at Alma.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	18.28 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	Mercury in Fish Tissue	00541 1998 2010	
	Sources:	Contaminated Sediments	
<b>VAV-B38R_SSF01A00</b>	<b>South Fork Shenandoah River</b>	PAGE CO	South Fork Shenandoah River from its confluence with Stoney Run just above the Route 340 bridge at Alma downstream to its confluence with Hawksbill Creek.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	16.09 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	Mercury in Fish Tissue	00541 1998 2010	
	Sources:	Contaminated Sediments	
<b>VAV-B40R_SSF01A00</b>	<b>South Fork Shenandoah River</b>	WARREN CO	South Fork Shenandoah River from its confluence with Overall Run downstream to its confluence with Gooney Run.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	14.31 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	Mercury in Fish Tissue	00541 1998 2010	
	Sources:	Contaminated Sediments	
<b>VAV-B40R_SSF02A00</b>	<b>South Fork Shenandoah River</b>	PAGE CO	South Fork Shenandoah River from its confluence with Hawksbill Creek downstream to its confluence with Overall Run.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	17.59 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	Mercury in Fish Tissue	00541 1998 2010	
	Sources:	Contaminated Sediments	
<b>VAV-B41R_SSF01A00</b>	<b>South Fork Shenandoah River</b>	WARREN CO	South Fork Shenandoah River from its confluence with Cabin Run downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: Use	5D		
Fish Consumption	Impairment	1.74 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	Mercury in Fish Tissue	00541 2002 2010	
	Sources:	Contaminated Sediments	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	South River/South Fork Shenandoah River Hg		
TMDL Group ID:	00541		
<b>VAV-B41R_SSF02A00</b>	<b>South Fork Shenandoah River</b>	WARREN CO	South Fork Shenandoah River from the Rivermont Drive Bridge downstream to its confluence with Cabin Run.
VA Overall AU Category: 5D	Impairment	0.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	Mercury in Fish Tissue	00541 2002 2010	
	Sources: Contaminated Sediments		
<b>VAV-B41R_SSF03A00</b>	<b>South Fork Shenandoah River</b>	WARREN CO	South Fork Shenandoah River from the 5 mile upper limit of the PWS designation for the Front Royal Public Water Intake downstream to the Rivermont Drive Bridge.
VA Overall AU Category: 5A	Impairment	4.36 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	Mercury in Fish Tissue	00541 1998 2010	
	Sources: Contaminated Sediments		
<b>VAV-B41R_SSF04A00</b>	<b>South Fork Shenandoah River</b>	WARREN CO	South Fork Shenandoah River from its confluence with Gooney Creek downstream to the 5 mile upper limit of the PWS designation for the Front Royal Public Water Intake.
VA Overall AU Category: 5A	Impairment	1.46 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	Mercury in Fish Tissue	00541 1998 2010	
	Sources: Contaminated Sediments		
<b>VAV-B51R_NFS01A00</b>	<b>North Fork Shenandoah River</b>	WARREN CO	North Fork Shenandoah River from the dam at the boat ramp downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5D	Impairment	0.67 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	Mercury in Fish Tissue	00541 2002 2010	
	Sources: Contaminated Sediments		
<b>VAV-B55R_SHN02A00</b>	<b>Shenandoah River</b>	WARREN CO	Shenandoah River from the confluence of the North and South Fork's downstream to the power plant dam near Front Royal.
VA Overall AU Category: 5D	Impairment	3.54 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	Mercury in Fish Tissue	00541 1998 2010	
	Sources: Contaminated Sediments		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		South Run	
TMDL Group ID:		00228	
VAN-A19R_SOT01A00	South Run	FAUQUIER CO PRINCE WILLIAM CO	Segment begins downstream of Lake Brittle on South Run and continues downstream until the confluence with Lake Manassas (Broad Run).
VA Overall AU Category: 5A	Impairment	2.34 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00228	2004 2016 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (2 of 9 samples - 22.2%) were recorded at DEQ's ambient water quality monitoring station (1ASOT001.44) at the Route 215 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Group ID:		00229	
VAN-A19R_SOT01A00	South Run	FAUQUIER CO PRINCE WILLIAM CO	Segment begins downstream of Lake Brittle on South Run and continues downstream until the confluence with Lake Manassas (Broad Run).
VA Overall AU Category: 5A	Impairment	2.34 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00229	1998 2010 This segment was included in Part I of the 1998 303(d) report as partially supporting the aquatic life use due to a moderate benthic impairment noted at the DEQ biological monitoring station 1aSOT001.44 at Route 215. Based on biological survey results from the 2002 and 2004 305(b) assessment periods, this stream segment was determined to be slightly impaired. While the benthic community integrity showed an improvement from the 1998 303(d) list, this was not sufficient to warrant removing this segment from the impaired waters list. Therefore, the stream segment remains impaired for the benthic macroinvertebrate community.
Sources: Source Unknown			
TMDL Watershed Name:		Spout Run	
TMDL Group ID:		00411	
VAV-B57R_SPR01A00	Spout Run	CLARKE CO	Spout Run from its confluence with Page Brook Run downstream to its confluence with the Shenandoah River.
VA Overall AU Category: 5A	Impairment	3.70 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00411	1998 2010
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Spout Run		
TMDL Group ID:	00412		
VAV-B57R_SPR01A00	Spout Run	CLARKE CO	Spout Run from its confluence with Page Brook Run downstream to its confluence with the Shenandoah River.
VA Overall AU Category: 5A	Impairment	3.70 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00412 1998 2010	
	Sources: Non-Point Source Wildlife Other than Waterfowl		
TMDL Watershed Name:	Spring Cove		
TMDL Group ID:	00943		
VAP-A34E_SPN01A04	Spring Cove	NORTHUMBERLAND CO	Tidal limit to mouth at Hull Creek
			Portion of VDH-DSS condemnation 009-142C, 12/22/2004
			POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00943 2004 2016	VAP-A34E-24
	Sources: Source Unknown		Spring Cove was assessed as not supporting the Recreation use during the 2004 cycle due to a fecal coliform violation rate of 4/20 at 1ASPN000.08. During the 2006 cycle, the enterococci violation rate was acceptable (0/9), however there was no additional fecal coliform monitoring since 2001 and the violation rate is 1/8. As the fecal coliform standard is still in effect, the segment will remain impaired this cycle, although further monitoring is recommended to confirm the impairment.

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Spring Cove and Hull Creek	
TMDL Group ID:		00939	
VAP-A34E_HUL01A02	Hull Creek	NORTHUMBERLAND CO	Hull Creek, excluding Spring Cove, as described in condemnation notice 009-142 12/22/2004.  Size expanded in 2006  POTMH
VA Overall AU Category: 5A	Impairment	0.35 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00939	1998 2010 VAP-A34E-12 VDH-DSS condemnation 009-142B, 12/22/2004 Segment expanded in 2006.
Sources: Source Unknown			
VAP-A34E_SPN01A04	Spring Cove	NORTHUMBERLAND CO	Tidal limit to mouth at Hull Creek  Portion of VDH-DSS condemnation 009-142C, 12/22/2004  POTMH
VA Overall AU Category: 5A	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00939	2004 2010 VAP-A34E-12 VDH-DSS Shellfish Condemnation 009-142C, 12/22/2004 Size expanded in 2006 cycle and now includes Spring Cove.
Sources: Source Unknown			
TMDL Watershed Name:		Staunton Dam Lake	
TMDL Group ID:		50007	
VAV-B16L_01	Staunton Dam Lake	AUGUSTA CO	Staunton Dam Lake
VA Overall AU Category: 5A	Impairment	23.21 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Oxygen, Dissolved	50007	2006 Dissolved oxygen impairment in the Hypolimnion during the summer months due to natural conditions. (4C)
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Staunton Dam Lake		
TMDL Group ID:	50053		
VAV-B16L_01	Staunton Dam Lake	AUGUSTA CO	Staunton Dam Lake
VA Overall AU Category: 5A	Impairment	23.21 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	pH	50053 2006 2018	Newly listed for pH in 2006.
Aquatic Life		Sources: Atmospheric Deposition - Acidity Natural Conditions - Water Quality Standards Use Attainability Analyses Needed	
<b>Stephens Run</b>			
TMDL Watershed Name:	Stephens Run		
TMDL Group ID:	01627		
VAV-B56R_STV01A00	Stephens Run	FREDERICK CO	Stephens Run from the headwaters downstream to its confluence with Crooked Run.
VA Overall AU Category: 5A	Impairment	9.99 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	01627 2004 2016	
Recreation		Sources: Non-Point Source Wildlife Other than Waterfowl	
<b>Stevens Point</b>			
TMDL Watershed Name:	Stevens Point		
TMDL Group ID:	00174		
VAP-A34E_XFI01A98	Stevens Point	NORTHUMBERLAND CO	Described in the condemnation notice 8-214C, 12/29/2003  Sq. mileage adjusted in 2006  POTMH
VA Overall AU Category: 5D	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00174 1998 2004	Category 4A
Shellfishing			VAP-A34E-03  VDH-DSS condemnation 8-214C, 12/29/2003  The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.
		Sources: Non-Point Source	

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Stony Creek		
TMDL Group ID:	00252		
<b>VAV-B49R_STY01A00</b>	<b>Stony Creek</b>	<b>SHENANDOAH CO</b>	Stony Creek from its confluence with an unnamed tributary just downstream of the Wakemans Grove Road bridge crossing downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: <b>5A</b>	Impairment	4.21 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	00252 <b>2002</b> <b>2010</b>	
	Sources: Non-Point Source Wildlife Other than Waterfowl		
<b>VAV-B49R_STY02A00</b>	<b>Stony Creek</b>	<b>SHENANDOAH CO</b>	Stony Creek from the Georges Chicken discharge downstream to its confluence with an unnamed tributary just downstream of the Wakemans Grove Road bridge crossing.
VA Overall AU Category: <b>5A</b>	Impairment	1.55 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	00252 <b>1998</b> <b>2010</b>	
	Sources: Wildlife Other than Waterfowl		
<b>VAV-B49R_STY03A00</b>	<b>Stony Creek</b>	<b>SHENANDOAH CO</b>	Stony Creek from its confluence with Little Stony Creek downstream to the Georges Chicken discharge.
VA Overall AU Category: <b>5A</b>	Impairment	4.33 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	00252 <b>2006</b> <b>2018</b>	Newly listed for bacteria in 2006.
	Sources: Non-Point Source Wildlife Other than Waterfowl		
<b>VAV-B49R_STY04A04</b>	<b>Stony Creek</b>	<b>SHENANDOAH CO</b>	Stony Creek from its confluence with Foltz Creek downstream to its confluence with Little Stony Run.
VA Overall AU Category: <b>5A</b>	Impairment	6.94 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	00252 <b>2004</b> <b>2016</b>	
	Sources: Agriculture Non-Point Source Wildlife Other than Waterfowl		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Stony Creek		
TMDL Group ID:	50040		
VAV-B49R_STY05A04	Stony Creek	SHENANDOAH CO	Stony Creek from the headwaters downstream to its confluence with Foltz Creek.
VA Overall AU Category: 5A	Impairment	9.46 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Temperature, water	50040	2006 2018 Newly listed for temperature in 2006.
Sources: Source Unknown			
TMDL Watershed Name:	Straight Fork		
TMDL Group ID:	01585		
VAV-B01R_STT01A00	Straight Fork	HIGHLAND CO	Straight Fork from the headwaters downstream to the VAWVA state line.
VA Overall AU Category: 5A	Impairment	7.04 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	01585	2004 2016
Sources: Atmospheric Deposition - Acidity			
TMDL Watershed Name:	Strait Creek		
TMDL Group ID:	01588		
VAV-B02R_STC01A00	Strait Creek	HIGHLAND CO	Strait Creek from its confluence with West Strait Creek downstream to the confluence with the South Branch Potomac River.
VA Overall AU Category: 5A	Impairment	3.24 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01588	2002 2014
Sources: Channelization			
TMDL Group ID:	50229		
VAV-B02R_STC01A00	Strait Creek	HIGHLAND CO	Strait Creek from its confluence with West Strait Creek downstream to the confluence with the South Branch Potomac River.
VA Overall AU Category: 5A	Impairment	3.24 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50229	2006 2018 Newly listed for bacteria in 2006
Sources: Non-Point Source			
WQS for bacteria not supporting at 1ASTC000.02 (2 violations of 9).			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Strait Creek		
TMDL Group ID:	50229		
VAV-B02R_STC02A00	Strait Creek	HIGHLAND CO	Strait Creek from the headwaters downstream to its confluence with West Strait Creek.
VA Overall AU Category: 5A	Impairment	2.77 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	50229	2006 2018 Newly listed for bacteria in 2006
			WQS for bacteria not supporting at 1AST004.27 (4 violations of 9).
	Sources: Non-Point Source		
TMDL Watershed Name:	Sugarland Run		
TMDL Group ID:	00792		
VAN-A10R_SUG01A00	Sugarland Run	FAIRFAX CO LOUDOUN CO	Segment begins at the boundary of the PWS designation area, at rivermile 4.82, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 5A	Impairment	4.82 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	00792	2006 2014 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 13 samples - 23.1%) were recorded at DEQ's ambient water quality monitoring station (1ASUG004.42) at the Route 7 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.
			Sources: Source Unknown
VAN-A10R_SUG01B06	Sugarland Run	FAIRFAX CO LOUDOUN CO	Segment begins at the confluence with Folly Lick Branch, at approximately rivermile 5.75, and continues downstream until the boundary of the PWS designation area, at rivermile 4.82.
VA Overall AU Category: 5A	Impairment	0.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	00792	2006 2014 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 13 samples - 23.1%) were recorded at DEQ's ambient water quality monitoring station (1ASUG004.42) at the Route 7 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.
			Sources: Source Unknown

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Switzer Lake		
TMDL Group ID:	50037		
VAV-B20L_01	Switzer Lake	ROCKINGHAM CO	Switzer Lake
VA Overall AU Category: 5A	Impairment	96.51 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Temperature, water	50037	2006 2018 Newly listed for temperature and pH in 2006
Sources: Source Unknown			
TMDL Group ID:	50069		
VAV-B20L_01	Switzer Lake	ROCKINGHAM CO	Switzer Lake
VA Overall AU Category: 5A	Impairment	96.51 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	pH	50069	2006 2018 Newly listed for temperature and pH in 2006
Sources: Atmospheric Deposition - Acidity			
TMDL Group ID:	90002		
VAV-B20L_01	Switzer Lake	ROCKINGHAM CO	Switzer Lake
VA Overall AU Category: 5A	Impairment	96.51 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Oxygen, Dissolved	90002	2006 The lake has a dissolved oxygen impairment in the Hypolimnion during the summer months due to natural conditions (4C).
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	The Glebe		
TMDL Group ID:	00937		
VAP-A34E_GLB01A98	The Glebe	NORTHUMBERLAND CO	Described in the condemnation notice 145D, 2/25/1997.  POTMH
VA Overall AU Category: 5D	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00937	1998 2004 Category 4A  VAP-A34E-01  A portion of Glebe Creek was initially assessed as impaired of the Shellfish Use due to VDH-DSS Condemnation Notice 145D, 2/25/1997. In the 2004 cycle, the segment was extended to match condemnation 145C, 11/27/2002. However, the 12/02/2004 TMDL was only performed on the 1998 portion. The AU has been shortened to match the original impairment, which will be classified as Cat. 4A, TMDL completed. The portion of Glebe Creek that was impaired in 2004 will have a due date of 2016. In addition, the segment was further extended in 2006; the TMDL for the expanded area will be due in 2018.
Sources: Non-Point Source			
TMDL Group ID:	00938		
VAP-A34E_GLB04A04	The Glebe	NORTHUMBERLAND CO	Described in the VDH-DSS Shellfish Condemnation 145A, 11/27/2002  POTMH
VA Overall AU Category: 5A	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	00938	2004 2016 VAP-A34E-23  The segment was considered impaired in 2004 because of VDH-DSS Shellfish Condemnation 145A, 11/27/2002. During the 2006 cycle, the Glebe Creek impairment was expanded and the segment is now included as a portion of condemnation 008-213B, 12/29/2003
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	The Glebe		
TMDL Group ID:	10060		
VAP-A34E_GLB02A00	The Glebe	NORTHUMBERLAND CO	VDH-DSS condemnation 008-213B, 12/29/2003 not otherwise segmented Size extended in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.26 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	10060	2006 2018 VAP-A34E-26 VDH-DSS condemnation 8-213B, 12/29/2003 expanded in 2006, and now includes areas that were previously condemned. Only the expansion is included in this fact sheet. Refer to VAP-A34E-01 (00937) for further explanation.
Sources: Non-Point Source			
TMDL Group ID:	85500		
VAP-A34E_GLB01A04	The Glebe	NORTHUMBERLAND CO	VDH-DSS notice 145C, 11/27/2002 boundary upstream to VDDH-DSS notice 145D, 2/25/1997 boundary POTMH
VA Overall AU Category: 5A	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	Fecal Coliform	85500	1998 2016 VAP-A34E-01 A portion of Glebe Creek was initially assessed as impaired of the Shellfish Use due to VDH-DSS Condemnation Notice 145D, 2/25/1997. In the 2004 cycle, the segment was extended to match condemnation 145C, 11/27/2002. However, the 12/02/2004 TMDL was only performed on the 1998 portion. The AU has been shortened to match the original impairment, which will be classified as Cat. 4A, TMDL completed. The portion of Glebe Creek that was impaired in 2004 will have a due date of 2016. In addition, the segment was further extended in 2006; the TMDL for this expanded area will be due in 2018.
Sources: Non-Point Source			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Thompson Branch		
TMDL Group ID:	10024		
VAP-A32R_THP01A06	Thompson Branch	WESTMORELAND CO	Headwaters to tidal limit.
VA Overall AU Category: 5C	Impairment	1.66 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Oxygen, Dissolved	10024	2006 2018 VAP-A32R-01
Thompson Branch was assessed as not supporting the Aquatic Life Use based on a dissolved oxygen violation rate of 3/5 at 1ATHP001.15, as well as DO violations at special study stations in the creek (1/1).			
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Group ID:	10025		
VAP-A32R_THP01A06	Thompson Branch	WESTMORELAND CO	Headwaters to tidal limit.
VA Overall AU Category: 5C	Impairment	1.66 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	10025	2006 2018 VAP-A32R-01
Thompson Branch was assessed as not supporting the Aquatic Life Use based on a pH violation rate of 5/5 at 1ATHP001.15, as well as pH violations at special study stations in the creek (1/1).			
Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed			
TMDL Watershed Name:	Thorny Branch		
TMDL Group ID:	01605		
VAV-B17R_TRN01A00	Thorny Branch	AUGUSTA CO ROCKINGHAM CO	Thorny Branch and tributaries from the headwaters downstream to its confluence with North River.
VA Overall AU Category: 5A	Impairment	7.10 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01605	2004 2016
Sources: Non-Point Source			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Aquia Creek)		
TMDL Group ID:	20014		
<b>VAN-A28E_AUA01A06</b>	<b>Aquia Creek</b>	<b>STAFFORD CO</b>	Segment extends to a 0.5 mile radius around the ACB station 1AAUA-SCSHORE-ALL. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.42 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20014	2006 2018 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
<b>VAN-A28E_AUA01B00</b>	<b>Aquia Creek</b>	<b>STAFFORD CO</b>	Segment extends from rivermile 4.28 to rivermile 3.28 in Aquia Creek encompassing a 0.5-mile radius around station 1AAUA003.71. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.37 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20014	2006 2018 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Aquia Creek)		
TMDL Group ID:	20014		
<b>VAN-A28E_AUA01C06</b>	<b>Aquia Creek</b>	<b>STAFFORD CO</b>	Segment extends from approximately rivermile 6.70 and continues downstream until approximately rivermile 4.19. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.58 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20014	2006 2018 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
<b>VAN-A28E_AUA02A04</b>	<b>Aquia Creek</b>	<b>STAFFORD CO</b>	Segment begins at the upstream limit of the tidal waters of Aquia Creek and continues downstream until the confluence with Austin Run. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.24 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20014	2006 2018 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Aquia Creek)		
TMDL Group ID:	20014		
VAN-A28E_AUA20A02	Aquia Creek	STAFFORD CO	Segment includes all tidal waters of Aquia Creek not included in another segment. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	2.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20014	2006 2018
Sources: Source Unknown			
TMDL Watershed Name:	Tidal Potomac River (Potomac Creek)		
TMDL Group ID:	20015		
VAN-A29E_POM01A04	Potomac Creek	KING GEORGE CO STAFFORD CO	Segment extends to a half-mile radius around station 1APOM000.59. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.44 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20015	2004 2014
Sources: Source Unknown			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Potomac Creek)		
TMDL Group ID:	20015		
VAN-A29E_POM01B06	Potomac Creek	KING GEORGE CO STAFFORD CO	Segment extends from rivermile 1.91 until rivermile 1.09 along Potomac Creek and includes the lower portion of the Accokeek Creek arm of Potomac Creek, approximately 0.35 rivermile upstream. Portion of CBP segment POTOH.
VA Overall AU Category: 5A	Impairment	0.67 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	20015	2002 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.  Additionally, exceedance of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue were recorded in four species in samples collected in 2000 (largemouth bass, carp, channel catfish and American eel) at station 1APOM001.04.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Potomac Creek)		
TMDL Group ID:	20015		
VAN-A29E_POM02A02	Potomac Creek	KING GEORGE CO STAFFORD CO	Segment extends a half-mile radius around monitoring station 1APOM002.41. Portion of CBP segment POTOH.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.60 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	PCB in Fish Tissue	20015	2002 2014
			<p>The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.</p> <p>Additionally, exceedance of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue were recorded in four species in samples collected in 2000 (largemouth bass, carp, channel catfish and American eel) at station 1APOM001.04.</p>
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Potomac Creek)		
TMDL Group ID:	20015		
VAN-A29E_POM20A04	Potomac Creek	KING GEORGE CO STAFFORD CO	Segment includes all tidal waters of Potomac Creek not included in other segments; beginning at the upstream limit of the tidal waters and continuing downstream until the confluence with the Potomac River at the state line. Portion of CBP segment POTOH.
VA Overall AU Category: 5A	Impairment	0.84 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	20015	2002 2014 The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.  Additionally, exceedance of the water quality criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue were recorded in four species in samples collected in 2000 (largemouth bass, carp, channel catfish and American eel) at station 1APOM001.04.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Potomac River)		
TMDL Group ID:	20016		
<b>VAN-A29E_POT01A06</b>	<b>Fairview Beach/ Potomac River</b>	<b>KING GEORGE CO</b>	Segment includes all of Fairview Beach on the Potomac River. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20016	<b>2006</b> <b>2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek. While the embayments are not named explicitly in the advisory, a similar advisory concerning PCBs in the Potomac River exists for Maryland.
Sources: Source Unknown			
<b>VAN-A29E_POT20A06</b>	<b>Potomac River</b>	<b>KING GEORGE CO</b>	Segment includes all tidal embayments of the Potomac River located in Virginia, but not included in other segments. Portion of CBP segment POTOH.
VA Overall AU Category: <b>5A</b>	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20016	<b>2006</b> <b>2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek. While the embayments are not named explicitly in the advisory, a similar advisory concerning PCBs in the Potomac River exists for Maryland.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Powells Creek)		
TMDL Group ID:	20010		
<b>VAN-A26E_POT20A02</b>	<b>Quantico Creek/Powells Creek</b>	PRINCE WILLIAM CO STAFFORD CO	Segment includes all tidal waters in watershed not included in other delineated stream segments. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment PCB in Fish Tissue	1.06 SQUARE MILES TMDL Group ID 20010	First Listed on 303(d) 2002 TMDL Schedule 2014 Impairment Specific Comments and/or Impairment Specific VA Category The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
<b>VAN-A26E_POW01A02</b>	<b>Powells Creek</b>	PRINCE WILLIAM CO	Segment extends to a 0.5 mile radius around the ACB station 1APOW-865-ALL. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment PCB in Fish Tissue	0.23 SQUARE MILES TMDL Group ID 20010	First Listed on 303(d) 2002 TMDL Schedule 2014 Impairment Specific Comments and/or Impairment Specific VA Category The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Powells Creek)		
TMDL Group ID:	20010		
<b>VAN-A26E_POW02A02</b>	<b>Powells Creek</b>	PRINCE WILLIAM CO	Segment extends to a 0.5 mile radius around the ACB station 1APOW-765-ALL. Portion of CBP segment POTTF.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	0.40 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	<b>PCB in Fish Tissue</b>	20010	<b>2002</b> <b>2014</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
<b>VAN-A26R_POW01A00</b>	<b>Powells Creek</b>	PRINCE WILLIAM CO	Segment begins approximately 0.2 rivermiles below Lake Montclair and continues downstream until the end of the free-flowing waters of Powells Creek, at rivermile 2.18.
VA Overall AU Category: Use	5A		
Fish Consumption	Impairment	5.02 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	<b>PCB in Fish Tissue</b>	20010	<b>2002</b> <b>2014</b> This segment remains on the impaired waters list for the fish consumption use because of the 1996 fish tissue data. Exceedances of the water quality standard criterion based tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) were recorded during a 1996 sampling event. Exceedances of the TV for PCBs were recorded in three fish species (largemouth bass, bullhead catfish, and sunfish).
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Quantico Creek)		
TMDL Group ID:	20011		
<b>VAN-A26E_QUA01A04</b>	<b>Quantico Creek</b>	<b>PRINCE WILLIAM CO</b>	Segment extends to a 0.5-mile radius around station 1AQUA001.09. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20011	<b>2002</b> <b>2014</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			
<b>VAN-A26E_QUA02A06</b>	<b>Quantico Creek</b>	<b>PRINCE WILLIAM CO</b>	Segment extends to a 0.5 mile radius around station 1AQUA002.15. Portion of CBP segment POTTf.
VA Overall AU Category: <b>5A</b>	Impairment	0.28 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20011	<b>2002</b> <b>2014</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 4/19/99 and modified 12/13/04, limits consumption of American eel, bullhead catfish, channel catfish less than eighteen inches long, largemouth bass, anadromous (coastal) striped bass, sunfish species, smallmouth bass, white catfish, white perch, gizzard shad, and yellow perch consumption to no more than two meals per month. The advisory also restricts the consumption of carp and channel catfish greater than eighteen inches long. The affected area includes the tidal portions of the following tributaries and embayments from the I-395 bridge (above the Woodrow Wilson Bridge) to the Potomac River Bridge at Route 301: Fourmile Run, Hunting Creek, Little Hunting Creek, Pohick Creek, Accotink Creek, Occoquan River, Neabsco Creek, Powell Creek, Quantico Creek, Chopawamsic Creek, Aquia Creek, and Potomac Creek.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Upper Machodoc Creek)		
TMDL Group ID:	20018		
<b>VAN-A30E_UMC01A02</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section E, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.01 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20018	<b>2006 2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of gizzard shad, white perch, and channel catfish consumption to no more than two meals per month. The affected area includes the tidal portions of the following tributaries from the Potomac River Bridge at Route 301 to the mouth of the river near Smith Point: Upper Machodoc Creek, Monroe Creek, and Coan River.
Sources: Source Unknown			
<b>VAN-A30E_UMC01B06</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	The Upper Machodoc Creek portion of the condemned area described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section A, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.07 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20018	<b>2006 2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of gizzard shad, white perch, and channel catfish consumption to no more than two meals per month. The affected area includes the tidal portions of the following tributaries from the Potomac River Bridge at Route 301 to the mouth of the river near Smith Point: Upper Machodoc Creek, Monroe Creek, and Coan River.
Sources: Source Unknown			
<b>VAN-A30E_UMC02A04</b>	<b>Upper Machodoc Creek</b>	<b>PRINCE GEORGE CO</b>	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section B, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20018	<b>2006 2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of gizzard shad, white perch, and channel catfish consumption to no more than two meals per month. The affected area includes the tidal portions of the following tributaries from the Potomac River Bridge at Route 301 to the mouth of the river near Smith Point: Upper Machodoc Creek, Monroe Creek, and Coan River.
Sources: Source Unknown			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Upper Machodoc Creek)		
TMDL Group ID:	20018		
<b>VAN-A30E_UMC03A04</b>	<b>Upper Machodoc Creek</b>	PRINCE GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section M1, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.11 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20018	<b>2006</b> <b>2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of gizzard shad, white perch, and channel catfish consumption to no more than two meals per month. The affected area includes the tidal portions of the following tributaries from the Potomac River Bridge at Route 301 to the mouth of the river near Smith Point: Upper Machodoc Creek, Monroe Creek, and Coan River.
Sources: Source Unknown			
<b>VAN-A30E_UMC04A06</b>	<b>Upper Machodoc Creek</b>	KING GEORGE CO	Segment includes the main body of tidal Upper Machodoc Creek not included in segment VAN-A30E_UMC04B06 or the segments described in VDH Shellfish Area Condemnation Number 001A-36. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.91 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20018	<b>2004</b> <b>2016</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of gizzard shad, white perch, and channel catfish consumption to no more than two meals per month. The affected area includes the tidal portions of the following tributaries from the Potomac River Bridge at Route 301 to the mouth of the river near Smith Point: Upper Machodoc Creek, Monroe Creek, and Coan River.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Tidal Potomac River (Upper Machodoc Creek)		
TMDL Group ID:	20018		
<b>VAN-A30E_UMC04B06</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	Segment includes the portion of Upper Machodoc Creek beginning upstream at the downstream boundary of shellfish condemnation area D and continuing until the confluence with Deep Creek. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.30 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20018	<b>2006</b> <b>2018</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of gizzard shad, white perch, and channel catfish consumption to no more than two meals per month. The affected area includes the tidal portions of the following tributaries from the Potomac River Bridge at Route 301 to the mouth of the river near Smith Point: Upper Machodoc Creek, Monroe Creek, and Coan River.
Sources: Source Unknown			
<b>VAN-A30E_UMC05A02</b>	<b>Upper Machodoc Creek</b>	<b>KING GEORGE CO</b>	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section D, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: <b>5A</b>	Impairment	0.43 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	<b>PCB in Fish Tissue</b>	20018	<b>2004</b> <b>2016</b> The fish consumption use is categorized as impaired due to a Virginia Department of Health, Division of Health Hazards Control, PCB fish consumption advisory. The advisory, dated 12/13/04, limits consumption of gizzard shad, white perch, and channel catfish consumption to no more than two meals per month. The affected area includes the tidal portions of the following tributaries from the Potomac River Bridge at Route 301 to the mouth of the river near Smith Point: Upper Machodoc Creek, Monroe Creek, and Coan River.  Additionally, exceedances of the water quality criterion based fish tissue value (TV) of 54 parts per billion (ppb) for polychlorinated biphenyls (PCBs) in fish tissue were recorded in five tissue samples collected in 2001 and 2004 of two species at monitoring station 1AUMC004.43 (channel catfish and gizzard shad).
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Trapp Branch		
TMDL Group ID:	60054		
<b>VAN-A19R_TRA01A06</b>	<b>Trapp Branch</b>	FAUQUIER CO	Segment begins at the confluence with an unnamed tributary to Trapp Branch, approximately 0.08 rivermile downstream from the Route 696 crossing, and continues downstream until the confluence with Broad Run.
VA Overall AU Category: <b>5A</b>	Impairment	1.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Escherichia coli</b>	60054	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (8 of 12 samples - 66.7%) were recorded at DEQ's special study station (1ATRA001.02) at the Route 674 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Tripps Run		
TMDL Group ID:	00797		
<b>VAN-A13R_TRI01A00</b>	<b>Tripps Run</b>	FAIRFAX CO	Segment begins at the headwaters of Tripps Run and continues downstream until the start of Lake Barcroft.
VA Overall AU Category: <b>5A</b>	Impairment	2.25 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	<b>Benthic-Macroinvertebrate Bioassessments (Streams)</b>	00797	<b>2004</b> <b>2016</b> DEQ benthic macroinvertebrate biological monitoring finds this segment to be moderately impaired.
Sources: Source Unknown			
TMDL Watershed Name:	Tumbling Run		
TMDL Group ID:	01644		
<b>VAV-B51R_TBL02A04</b>	<b>Tumbling Run</b>	SHENANDOAH CO	Tumbling Run from the headwaters downstream to the 5 mile upper limit of the PWS designation for the Strasburg Public Water Intake.
VA Overall AU Category: <b>5A</b>	Impairment	4.15 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	<b>Fecal Coliform</b>	01644	<b>2004</b> <b>2016</b>
Sources: Non-Point Source Wildlife Other than Waterfowl			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Turkey Run	
TMDL Group ID:		60050	
VAN-A17R_TUK01A06	Turkey Run	FAUQUIER CO	Segment begins at the confluence with an unnamed tributary to Turkey Run, approximately 0.25 rivermile upstream from the Route 602 crossing, and continues downstream until the confluence with Cedar Run, at rivermile 20.89.
VA Overall AU Category:	5A		
Use	Impairment	3.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60050	2006 2018 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 5 samples - 60.0%) were recorded at DEQ's ambient water quality monitoring station (1ATUK003.37) at the Route 602 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:		Turley Creek	
TMDL Group ID:		01631	
VAV-B45R_TRL01A00	Turley Creek	ROCKINGHAM CO	Turley Creek from just above its confluence with an unnamed tributary originating near Turleytown downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category:	5A		
Use	Impairment	2.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01631	2002 2014
Sources: Source Unknown			
VAV-B45R_TRL02A00	Turley Creek	ROCKINGHAM CO	Turley Creek from the headwaters downstream to just above an unnamed tributary originating near Turleytown.
VA Overall AU Category:	5A		
Use	Impairment	1.85 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01631	2002 2014
Sources: Source Unknown			
TMDL Group ID:		01632	
VAV-B45R_TRL01A00	Turley Creek	ROCKINGHAM CO	Turley Creek from just above its confluence with an unnamed tributary originating near Turleytown downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category:	5A		
Use	Impairment	2.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01632	2002 2014
Sources: Non-Point Source			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Turley Creek		
TMDL Group ID:	01632	Sources: Wildlife Other than Waterfowl	
<b>VAV-B45R_TRL02A00</b>	<b>Turley Creek</b>	<b>ROCKINGHAM CO</b>	Turley Creek from the headwaters downstream to just above an unnamed tributary originating near Turleytown.
VA Overall AU Category: <b>5A</b>	Impairment	1.85 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	01632 <b>2002</b> <b>2014</b>	
	Sources: Non-Point Source Wildlife Other than Waterfowl		
TMDL Watershed Name:	Tuscarora Creek		
TMDL Group ID:	30101		
<b>VAN-A08R_TUS01A00</b>	<b>Tuscarora Creek</b>	<b>LOUDOUN CO</b>	Segment begins at the boundary for the PWS designation area, approximately 0.1 rivermile downstream from the Route 15 crossing, and continues downstream until the confluence with Goose Creek.
VA Overall AU Category: <b>5A</b>	Impairment	2.50 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	30101 <b>2004</b> <b>2016</b>	Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (5 of 19 samples - 26.3%) were recorded at DEQ's ambient water quality monitoring station (1ATUS000.37) at the Route 653 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		
<b>VAN-A08R_TUS01B06</b>	<b>Tuscarora Creek</b>	<b>LOUDOUN CO</b>	Segment begins at the confluence with Town Branch and continues downstream until the boundary for the PWS designation area, approximately 0.1 rivermile downstream from the Route 15 crossing.
VA Overall AU Category: <b>5A</b>	Impairment	1.05 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Fecal Coliform</b>	30101 <b>2004</b> <b>2016</b>	Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (5 of 19 samples - 26.3%) were recorded at DEQ's ambient water quality monitoring station (1ATUS000.37) at the Route 653 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
	Sources: Source Unknown		

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name: Union Spring Branch			
TMDL Group ID: 50056			
VAV-B18R_USB01A00	Union Spring Branch	ROCKINGHAM CO	Union Springs Run from the headwaters downstream to its confluence with Red Banks Run.
VA Overall AU Category: 5A	Impairment	3.65 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	50056 2006 2018	Newly listed for pH in 2006.
Sources: Atmospheric Deposition - Acidity			
TMDL Watershed Name: Weatherall Creek			
TMDL Group ID: 00918			
VAP-A32E_WEA02A04	Weatherall Creek	WESTMORELAND CO	As described in VDH Shellfish condemnation 083B, 12/18/2002.
POTMH			
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00918 2004 2016	VAP-A32E-10
VDH-DSS condemnation 083B, 12/18/2002			
Sources: Source Unknown			
TMDL Watershed Name: West Strait Creek			
TMDL Group ID: 01589			
VAV-B02R_WSC02A00	West Strait Creek	HIGHLAND CO	West Strait Creek from the Monterey STP downstream to its confluence with an unnamed tributary originating on Miracle Ridge.
VA Overall AU Category: 5A	Impairment	0.32 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01589 1996 2010	
Sources: Municipal Point Source Discharges			
VAV-B02R_WSC03A00	West Strait Creek	HIGHLAND CO	West Strait Creek from the headwaters downstream to the Monterey STP.
VA Overall AU Category: 5A	Impairment	0.85 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01589 2004 2016	
Sources: Non-Point Source			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	White Point Creek		
TMDL Group ID:	00927		
VAP-A33E_WHP01A98	White Point Creek	WESTMORELAND CO	Described in the condemnation notice 007-028B, 07/21/2004.  Size adjusted in 2006 cycle.  POTMH
VA Overall AU Category: 5A	Impairment	0.08 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00927	1998
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A33E-05
			VDH-DSS condemnation 007-028B, 07/21/2006
			Size was adjusted in 2006 cycle.
Sources: Source Unknown			
TMDL Watershed Name:	Williams Creek		
TMDL Group ID:	00827		
VAN-A30E_WLL02A02	Williams Creek	KING GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section F, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Aquatic Life	pH	00827	2004
			2016
			Impairment Specific Comments and/or Impairment Specific VA Category
			Sufficient exceedances of the instantaneous pH criterion (2 of 8 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (1AWLL002.21) at the Route 206 bridge to assess this stream segment as not supporting the aquatic life use goal for the 2006 water quality assessment. The exceedances were below the lower range (6.0 - 9.0 SU) of the pH water quality criteria for Class II waters as established in 9 VAC 25-260-50 of the Virginia Water Quality Standards.
Sources: Source Unknown			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:		Williams Creek/Upper Machodoc Creek	
TMDL Group ID:		00825	
VAN-A30E_WLL01A02	Williams Creek	KING GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section C, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	00825	2004 2016 Although the data obtained during the 2006 assessment window show exceedances of the instantaneous pH criterion (1 of 5 samples - 20.0%) is categorized as not assessed, very little data has been collected from the DEQ's ambient water quality monitoring station (1AWLL001.30) at Route 206 since the previous assessment window. The segment shall remain categorized as impaired.
Sources: Source Unknown			
TMDL Group ID:		00826	
VAN-A30E_WLL01A02	Williams Creek	KING GEORGE CO	The boundaries of the condemned area are described in VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section C, effective July 15, 2004. Portion of CBP segment POTMH.
VA Overall AU Category: 5A	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00826	1998 2010 The shellfishing use is categorized as impaired due to a Virginia Department of Health, Division of Shellfish Sanitation, Notice and Description of Shellfish Area Condemnation Number 001A-036, Upper Machodoc Creek. The advisory, dated 7/15/04, states, "It shall be unlawful for any person, firm, or corporation to take shellfish from these areas for any purpose, except by permit granted by the Marine Resources Commission, as provided in Section 28.2-810 of the Code of Virginia."
Sources: Source Unknown			
TMDL Watershed Name:		Willow Brook	
TMDL Group ID:		50241	
VAV-B55R_WLO01A06	Willow Brook	WARREN CO	Willow Brook from the headwaters downstream to its confluence with the Shenandoah River.
VA Overall AU Category: 5A	Impairment	3.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50241	2006 2018 Newly listed for bacteria in 2006.
Sources: Non-Point Source Wildlife Other than Waterfowl			



# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Wolf Run	
TMDL Group ID:		01607	
VAV-B18R_WFR01A02	Wolf Run	AUGUSTA CO ROCKINGHAM CO	Wolf Run from the Forest Service Road crossing downstream to its confluence with Briery Branch.
VA Overall AU Category:	5A		
Use	Impairment	1.13 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01607 2002 2014	
Sources: Atmospheric Deposition - Acidity			
VAV-B18R_WFR02A02	Wolf Run	AUGUSTA CO	Wolf Run from the headwaters downstream to the Forest Service Road crossing.
VA Overall AU Category:	5A		
Use	Impairment	1.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	01607 2004 2016	
Sources: Atmospheric Deposition - Acidity			
TMDL Group ID:		50054	
VAV-B18R_WFR01A02	Wolf Run	AUGUSTA CO ROCKINGHAM CO	Wolf Run from the Forest Service Road crossing downstream to its confluence with Briery Branch.
VA Overall AU Category:	5A		
Use	Impairment	1.13 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	50054 2006 2018	Newly listed for pH in 2006.
Sources: Atmospheric Deposition - Acidity			
VAV-B18R_WFR02A02	Wolf Run	AUGUSTA CO	Wolf Run from the headwaters downstream to the Forest Service Road crossing.
VA Overall AU Category:	5A		
Use	Impairment	1.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH	50054 2006 2018	Newly listed for pH in 2006.
Sources: Atmospheric Deposition - Acidity			

# List of Impaired (Category 5) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<b>Potomac and Shenandoah River Basins</b>			
TMDL Watershed Name:	Wolf Run		
TMDL Group ID:	60062		
<b>VAN-A24R_WOL01A06</b>	<b>Wolf Run</b>	FAIRFAX CO	Segment begins at the confluence with Maple Branch and continues downstream until the end of the free-flowing waters at the inundated waters of the Occoquan Reservoir.
VA Overall AU Category: <b>5A</b>	Impairment	2.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	<b>Escherichia coli</b>	60062	<b>2006</b> <b>2018</b> Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 12 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (1AWOL001.26) at the Route 643 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
Sources: Source Unknown			
TMDL Watershed Name:	Wrights Cove		
TMDL Group ID:	00944		
<b>VAP-A34E_WRS01A04</b>	<b>Wrights Cove</b>	NORTHUMBERLAND CO	Described in VDH-DSS Shellfish Condemnation 145B, 11/27/2002  POTMH
VA Overall AU Category: <b>5A</b>	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Shellfishing	<b>Fecal Coliform</b>	00944	<b>2004</b> <b>2016</b> VAP-A34E-22  Wrights Cove was considered impaired in 2004 because of VDH-DSS Shellfish Condemnation 145B, 11/27/2002. During the 2006 cycle, the Glebe Creek impairment was expanded and the segment is now included as a portion of condemnation 008-213B, 12/29/2003
Sources: Source Unknown			

Note: \* Assessment Units may extend across jurisdictional boundaries.